Banking Daily Quiz Blog - June 9

1. **Directions: study the following information carefully and answer the questions based on it.**

Eight boxes – A, B, C, D, E, F, G and H are kept one above the other but not necessarily in the same order. Each box contains different items Book, Pen, Pencil, Eraser, Sharpener, Novel, Screw Driver and Ribbon but not necessarily in the same order. H box contains Screw Driver and is kept at the bottom of the stack. Only three boxes are kept between D and G. Box G is placed above Box D. The ribbon box is kept immediately above G. Only one box is kept between the ribbon box and A. E is the ribbon box. The Eraser box is kept immediately above E. Only three boxes are kept between the Eraser box and the book box. The pen box is immediately above the novel box. G is not the pen box. F is kept immediately below the sharpener box. Only one box is kept between B and the sharpener box.

A. **Which box is placed at third position from the top?**

A	Box C

B	Box E

C	**Box G**

D	Book F

E	Book A

Solution

8 item: Book, Pen, Pencil, Eraser, Sharpener, Novel, Screw Driver and Ribbon.

8 boxes: A, B, C, D, E, F, G and H

Each box has numbered from 1 to 8 and arranged one above the other. We can solve this question step by step,

I. H box contains Screw Driver and is kept at the bottom of the stack.

II. Only three boxes are kept between D and G.

III. Box G is placed above Box D.

Number	Case – 1 Items	Case – 1 Name	Case - 2 Items	Case - 2 Name	Case – 3 Items	Case – 3 Name
1		G				
2				G		
3						G
4						
5		D				
6				D		
7						D
8	Screw Driver	H	Screw Driver	H	Screw Driver	H

IV. The ribbon box is kept immediately above G. Case – 1 gets eliminated.

Number	Case – 2 Items	Case – 2 Name	Case – 3 Items	Case – 3 Name
1	Ribbon			
2		G	Ribbon	
3				
4				
5				
6		D		
7				D
8	Screw Driver	H	Screw Driver	H

V. Only one box is kept between the ribbon box and A.

VI. E is the ribbon box. The Eraser box is kept immediately above E.

VII. Only three boxes are kept between the Eraser box and the book box. Case -2 gets eliminated.

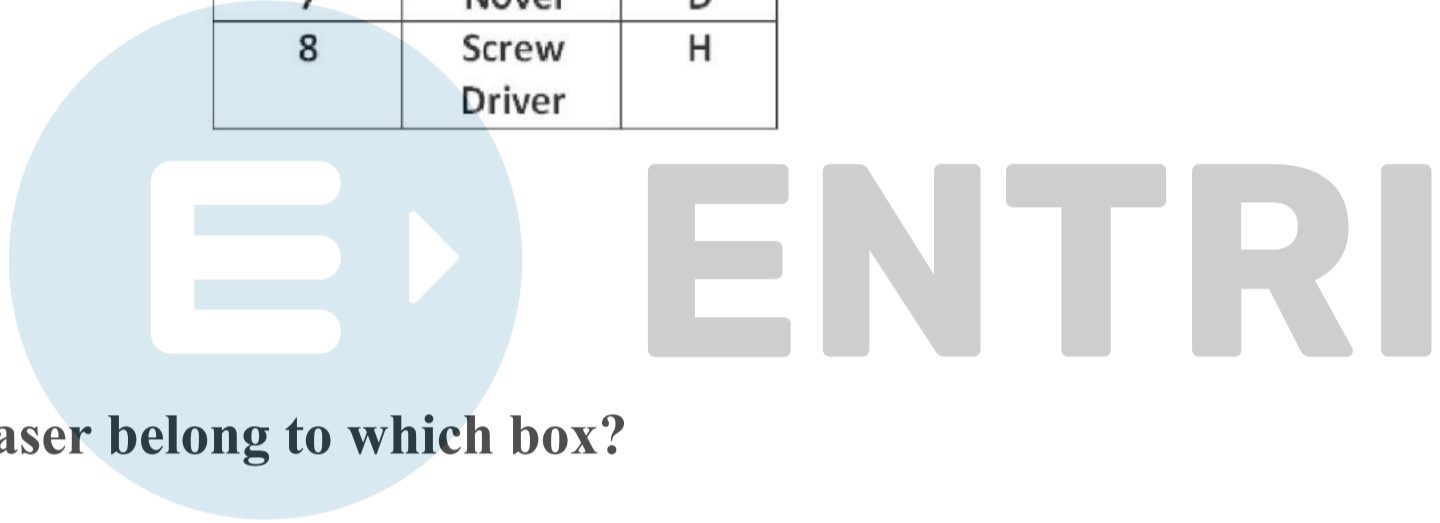VIII. The pen box is immediately above the novel box. So, there are two possibilities here :

Number	Case – 3a Items	Name	Case – 3b Items	Name
1	Eraser		Eraser	
2	Ribbon	E	Ribbon	E
3	Pen	G		G
4	Novel	A		A
5	Book		Book	
6			Pen	
7		D	Novel	D
8	Screw Driver	H	Screw Driver	H

IX. G is not the pen box.

X. F is kept immediately below the sharpener box. So, case 3a gets eliminated.

XI. Only one box is kept between B and the sharpener box. So, final arrangement :

Number	Items	Name
1	Eraser	C
2	Ribbon	E
3	Pencil	G
4	Sharpener	A
5	Book	F
6	Pen	B
7	Novel	D
8	Screw Driver	H

B. **Eraser belong to which box?**

A Box A

B Box H

C Box G

D **Box C**

E None of these

Solution

8 item: Book, Pen, Pencil, Eraser, Sharpener, Novel, Screw Driver and Ribbon.

8 boxes: A, B, C, D, E, F, G and H

Each box has numbered from 1 to 8 and arranged one above the other. We can solve this question step by step,

I. H box contains Screw Driver and is kept at the bottom of the stack.

II. Only three boxes are kept between D and G.

III. Box G is placed above Box D.

Number	Case – 1 Items	Case – 1 Name	Case - 2 Items	Case - 2 Name	Case – 3 Items	Case – 3 Name
1		G				
2				G		
3						G
4						
5		D				
6				D		
7						D
8	Screw Driver	H	Screw Driver	H	Screw Driver	H

IV. The ribbon box is kept immediately above G. Case – 1 gets eliminated.

Number	Case – 2 Items	Case – 2 Name	Case – 3 Items	Case – 3 Name
1	Ribbon			
2		G	Ribbon	
3				
4				
5				
6		D		
7				D
8	Screw Driver	H	Screw Driver	H

V. Only one box is kept between the ribbon box and A.

VI. E is the ribbon box. The Eraser box is kept immediately above E.

VII. Only three boxes are kept between the Eraser box and the book box. Case -2 gets eliminated.

VIII. The pen box is immediately above the novel box. So, there are two possibilities here :

Number	Case – 3a Items	Case – 3a Name	Case – 3b Items	Case – 3b Name
1	Eraser		Eraser	
2	Ribbon	E	Ribbon	E
3	Pen	G		G
4	Novel	A		A
5	Book		Book	
6			Pen	
7		D	Novel	D
8	Screw Driver	H	Screw Driver	H

IX. G is not the pen box.

X. F is kept immediately below the sharpener box. So, case 3a gets eliminated.

XI. Only one box is kept between B and the sharpener box. So, final arrangement :

Number	Items	Name
1	Eraser	C
2	Ribbon	E
3	Pencil	G
4	Sharpener	A
5	Book	F
6	Pen	B
7	Novel	D
8	Screw Driver	H

C. **What is kept in Box F?**

A   Novel

B   Screw Driver

C   Eraser

D   Ribbon

E   **Book**

Solution

8 item: Book, Pen, Pencil, Eraser, Sharpener, Novel, Screw Driver and Ribbon.

8 boxes: A, B, C, D, E, F, G and H

Each box has numbered from 1 to 8 and arranged one above the other. We can solve this question step by step,

I. H box contains Screw Driver and is kept at the bottom of the stack.

II. Only three boxes are kept between D and G.

III. Box G is placed above Box D.

Number	Case – 1 Items	Case – 1 Name	Case - 2 Items	Case - 2 Name	Case – 3 Items	Case – 3 Name
1		G				
2				G		
3						G
4						
5		D				
6				D		
7						D
8	Screw Driver	H	Screw Driver	H	Screw Driver	H

IV. The ribbon box is kept immediately above G. Case – 1 gets eliminated.

Number	Case – 2 Items	Case – 2 Name	Case – 3 Items	Case – 3 Name
1	Ribbon			
2		G	Ribbon	
3				
4				
5				
6		D		
7				D
8	Screw Driver	H	Screw Driver	H

V. Only one box is kept between the ribbon box and A.

VI. E is the ribbon box. The Eraser box is kept immediately above E.

VII. Only three boxes are kept between the Eraser box and the book box. Case -2 gets eliminated.

VIII. The pen box is immediately above the novel box. So, there are two possibilities here :

Number	Case – 3a Items	Name	Case – 3b Items	Name
1	Eraser		Eraser	
2	Ribbon	E	Ribbon	E
3	Pen	G		G
4	Novel	A		A
5	Book		Book	
6			Pen	
7		D	Novel	D
8	Screw Driver	H	Screw Driver	H

IX. G is not the pen box.

X. F is kept immediately below the sharpener box. So, case 3a gets eliminated.

XI. Only one box is kept between B and the sharpener box. So, final arrangement :

Number	Items	Name
1	Eraser	C
2	Ribbon	E
3	Pencil	G
4	Sharpener	A
5	Book	F
6	Pen	B
7	Novel	D
8	Screw Driver	H

D. **Which box is placed at third position from the bottom?**

A Box F

B Box D

C **Box B**

D Box C

E Box H

Solution

8 item: Book, Pen, Pencil, Eraser, Sharpener, Novel, Screw Driver and Ribbon.

8 boxes: A, B, C, D, E, F, G and H

Each box has numbered from 1 to 8 and arranged one above the other. We can solve this question step by step,

I. H box contains Screw Driver and is kept at the bottom of the stack.

II. Only three boxes are kept between D and G.

III. Box G is placed above Box D.

Number	Case – 1 Items	Case – 1 Name	Case - 2 Items	Case - 2 Name	Case – 3 Items	Case – 3 Name
1		G				
2				G		
3						G
4						
5		D				
6				D		
7						D
8	Screw Driver	H	Screw Driver	H	Screw Driver	H

IV. The ribbon box is kept immediately above G. Case – 1 gets eliminated.

Number	Case – 2 Items	Case – 2 Name	Case – 3 Items	Case – 3 Name
1	Ribbon			
2		G	Ribbon	
3				
4				
5				
6		D		
7				D
8	Screw Driver	H	Screw Driver	H

V. Only one box is kept between the ribbon box and A.

VI. E is the ribbon box. The Eraser box is kept immediately above E.

VII. Only three boxes are kept between the Eraser box and the book box. Case -2 gets eliminated.

VIII. The pen box is immediately above the novel box. So, there are two possibilities here :

Number	Case – 3a		Case – 3b	
	Items	Name	Items	Name
1	Eraser		Eraser	
2	Ribbon	E	Ribbon	E
3	Pen	G		G
4	Novel	A		A
5	Book		Book	
6			Pen	
7		D	Novel	D
8	Screw Driver	H	Screw Driver	H

IX. G is not the pen box.

X. F is kept immediately below the sharpener box. So, case 3a gets eliminated.

XI. Only one box is kept between B and the sharpener box. So, final arrangement :

Number	Items	Name
1	Eraser	C
2	Ribbon	E
3	Pencil	G
4	Sharpener	A
5	Book	F
6	Pen	B
7	Novel	D
8	Screw Driver	H

E. **What is kept in Box A?**

A   Book

B   **Sharpner**

C   Pen

D   Novel

E   Eraser

Solution

8 item: Book, Pen, Pencil, Eraser, Sharpener, Novel, Screw Driver and Ribbon.

8 boxes: A, B, C, D, E, F, G and H

Each box has numbered from 1 to 8 and arranged one above the other. We can solve this question step by step,

I. H box contains Screw Driver and is kept at the bottom of the stack.

II. Only three boxes are kept between D and G.

III. Box G is placed above Box D.

Number	Case – 1 Items	Name	Case - 2 Items	Name	Case – 3 Items	Name
1		G				
2				G		
3						G
4						
5		D				
6				D		
7						D
8	Screw Driver	H	Screw Driver	H	Screw Driver	H

IV. The ribbon box is kept immediately above G. Case – 1 gets eliminated.

Number	Case – 2 Items	Name	Case – 3 Items	Name
1	Ribbon			
2		G	Ribbon	
3				
4				
5				
6		D		
7				D
8	Screw Driver	H	Screw Driver	H

V. Only one box is kept between the ribbon box and A.

VI. E is the ribbon box. The Eraser box is kept immediately above E.

VII. Only three boxes are kept between the Eraser box and the book box. Case -2 gets eliminated.

VIII. The pen box is immediately above the novel box. So, there are two possibilities here :

Number	Case – 3a		Case – 3b	
	Items	Name	Items	Name
1	Eraser		Eraser	
2	Ribbon	E	Ribbon	E
3	Pen	G		G
4	Novel	A		A
5	Book		Book	
6			Pen	
7		D	Novel	D
8	Screw Driver	H	Screw Driver	H

IX. G is not the pen box.

X. F is kept immediately below the sharpener box. So, case 3a gets eliminated.

XI. Only one box is kept between B and the sharpener box. So, final arrangement :

Number	Items	Name
1	Eraser	C
2	Ribbon	E
3	Pencil	G
4	Sharpener	A
5	Book	F
6	Pen	B
7	Novel	D
8	Screw Driver	H

2. Direction: Study the following information carefully and answer the questions given below:

Seven employees Raman, Priya, Sunny, Pooja, Sneha, Riya and Parul are going to attend the seminar on 1 February 2017 and lives on seven different floors of a building but not necessarily in the same order. The lowermost floor of the building is numbered 1 and the topmost floor of the building is numbered 7. Each of them works in a different company viz. TCS, Infosys, Infotech, HCL, Softech, Microsoft and Wipro. Each of the person's birth years is different i.e. 1982, 1986, 1972, 1989, 1991, 1998 and 1978, but not necessarily in the same order. The person, whose year of birth is 1989 lives on an even numbered floor but not on the second floor. Only three persons live between Raman and the one who works in Softech and their age of difference is 8 years. Pooja lives on the even numbered floor but not below the floor on which Parul lives, whose year of birth is 1989. Only three persons live between Sunny and the one who works in Infosys. Sunny lives below the floor on which Sneha lives, who is youngest of all of them. Sunny works in Infotech. The one who works in HCL was born in 1989. Priya lives on the lowermost floor and works in TCS. Riya works in Wipro but does not born in 1991. The difference of age between the person who works in HCL and sunny is 17years. The one who work in Micrsoft, does not born in 1986.

A. How many persons live between the person whose birth of year is 1998 and 1972?

A One

B Three

C None

Solution

I. Priya lives on the lowermost floor and works in TCS.

II. The person, whose year of birth is 1989 lives on an even numbered floor but not on the second floor. (Hence, the person, whose year of birth is 1989, lives on either 4th or 6th floor).

III. Pooja lives on the even numbered floor but not below the floor on which Parul lives, whose year of birth is 1989. (Hence, Pooja lives on the 6th floor).

IV. The one who works in HCL was born in 1989. (Hence, Parul works in HCL).

Floor	Employees	Birth Year	Company
7			
6	Pooja		
5			
4	Parul	1989	HCL
3			
2			
1	Priya		TCS

V. Only three persons live between Sunny and the one who works in Infosys.

VI. Sunny lives below the floor on which Sneha lives, who is youngest of all of them. (Therefore, Sunny does not live on topmost floor and Sneha is youngest hence Sneha must be born on 1998).

VII. Sunny works in Infotech.

VIII. Only three persons live between Raman and the one who works in Softech and their age of difference is 8 years. So, there are two possibilities here :

Floor	Case – 1			Case – 2		
	Employees	Birth Year	Company	Employees	Birth Year	Company
7			Softech			Infosys
6	Pooja		Infosys	Pooja		Softech
5						
4	Parul	1989	HCL	Parul	1989	HCL
3	Raman			Sunny		Infotech
2	Sunny		Infotech	Raman		
1	Priya		TCS	Priya		TCS

IX. Riya works in Wipro but does not born in 1991.

X. The difference of age between the person who works in HCL and sunny is 17 years.

XI. The one who work in Microsoft, does not born in 1986.

(As person who working in HCL born in 1989 then Sunny has to born in 1972 to make age difference between them as 17 year).

(As we can observe that age difference between person working in Softech and Raman is 8 year and possible combination are 1986 and 1978 as Raman birth year can't be 1986 hence Raman birth year will be 1978 and person who working in Softech must be bron on 1986). Hence, Raman lives on the second floor.

Here, case – 1 will eliminates as in that case person working in Softech is born on 1998.

Other information will be filled respective leftover places:

Floor	Employees	Birth Year	Company
7	Sneha	1998	Infosys
6	Pooja	1986	Softech
5	Riya	1982	Wipro
4	Parul	1989	HCL
3	Sunny	1972	Infotech
2	Raman	1978	Microsoft
1	Priya	1991	TCS

B. **Which of the following statement is true?**

A   Sunny's year of birth is 1986.

B   Parul lives on the odd numbered floor.

C   **Riya works in Wipro.**

D   Priya lives on the topmost floor.

E   Three persons live between Parul and Priya.

Solution

I. Priya lives on the lowermost floor and works in TCS.

II. The person, whose year of birth is 1989 lives on an even numbered floor but not on the second floor. (Hence, the person, whose year of birth is 1989, lives on either 4th or 6th floor).

III. Pooja lives on the even numbered floor but not below the floor on which Parul lives, whose year of birth is 1989. (Hence, Pooja lives on the 6th floor).

IV. The one who works in HCL was born in 1989. (Hence, Parul works in HCL).

Floor	Employees	Birth Year	Company
7			
6	Pooja		
5			
4	Parul	1989	HCL
3			
2			
1	Priya		TCS

V. Only three persons live between Sunny and the one who works in Infosys.

VI. Sunny lives below the floor on which Sneha lives, who is youngest of all of them. (Therefore, Sunny does not live on topmost floor and Sneha is youngest hence Sneha must be born on 1998).

VII. Sunny works in Infotech.

VIII. Only three persons live between Raman and the one who works in Softech and their age of difference is 8 years. So, there are two possibilities here :

Floor	Case – 1			Case – 2		
	Employees	Birth Year	Company	Employees	Birth Year	Company
7			Softech			Infosys
6	Pooja		Infosys	Pooja		Softech
5						
4	Parul	1989	HCL	Parul	1989	HCL
3	Raman			Sunny		Infotech
2	Sunny		Infotech	Raman		
1	Priya		TCS	Priya		TCS

IX. Riya works in Wipro but does not born in 1991.

X. The difference of age between the person who works in HCL and sunny is 17 years.

XI. The one who work in Microsoft, does not born in 1986.

(As person who working in HCL born in 1989 then Sunny has to born in 1972 to make age difference between them as 17 year).

(As we can observe that age difference between person working in Softech and Raman is 8 year and possible combination are 1986 and 1978 as Raman birth year can't be 1986 hence Raman birth year will be 1978 and person who working in Softech must be bron on 1986). Hence, Raman lives on the second floor.

Here, case – 1 will eliminates as in that case person working in Softech is born on 1998.

Other information will be filled respective leftover places:

Floor	Employees	Birth Year	Company
7	Sneha	1998	Infosys
6	Pooja	1986	Softech
5	Riya	1982	Wipro
4	Parul	1989	HCL
3	Sunny	1972	Infotech
2	Raman	1978	Microsoft
1	Priya	1991	TCS

C. **Whose birth of year is 1982?**

A   Sunny

B   Parul

C   Priya

D   **Riya**

E   Pooja

Solution

I. Priya lives on the lowermost floor and works in TCS.

II. The person, whose year of birth is 1989 lives on an even numbered floor but not on the second floor. (Hence, the person, whose year of birth is 1989, lives on either 4th or 6th floor).

III. Pooja lives on the even numbered floor but not below the floor on which Parul lives, whose year of birth is 1989. (Hence, Pooja lives on the 6th floor).

IV. The one who works in HCL was born in 1989. (Hence, Parul works in HCL).

Floor	Employees	Birth Year	Company
7			
6	Pooja		
5			
4	Parul	1989	HCL
3			
2			
1	Priya		TCS

V. Only three persons live between Sunny and the one who works in Infosys.

VI. Sunny lives below the floor on which Sneha lives, who is youngest of all of them. (Therefore, Sunny does not live on topmost floor and Sneha is youngest hence Sneha must be born on 1998).

VII. Sunny works in Infotech.

VIII. Only three persons live between Raman and the one who works in Softech and their age of difference is 8 years. So, there are two possibilities here :

Floor	Case – 1			Case – 2		
	Employees	Birth Year	Company	Employees	Birth Year	Company
7			Softech			Infosys
6	Pooja		Infosys	Pooja		Softech
5						
4	Parul	1989	HCL	Parul	1989	HCL
3	Raman			Sunny		Infotech
2	Sunny		Infotech	Raman		
1	Priya		TCS	Priya		TCS

IX. Riya works in Wipro but does not born in 1991.

X. The difference of age between the person who works in HCL and sunny is 17 years.

XI. The one who work in Microsoft, does not born in 1986.

(As person who working in HCL born in 1989 then Sunny has to born in 1972 to make age difference between them as 17 year).

(As we can observe that age difference between person working in Softech and Raman is 8 year and possible combination are 1986 and 1978 as Raman birth year can't be 1986 hence Raman birth year will be 1978 and person who working in Softech must be bron on 1986). Hence, Raman lives on the second floor.

Here, case – 1 will eliminates as in that case person working in Softech is born on 1998.

Other information will be filled respective leftover places:

Floor	Employees	Birth Year	Company
7	Sneha	1998	Infosys
6	Pooja	1986	Softech
5	Riya	1982	Wipro
4	Parul	1989	HCL
3	Sunny	1972	Infotech
2	Raman	1978	Microsoft
1	Priya	1991	TCS

D. **Who among the following lives on the second floor?**

A   The one who works in infotech

B   The one who woks in TCS

C   **The one who works in Microsoft**

D   Parul

E   Riya

Solution

I. Priya lives on the lowermost floor and works in TCS.

II. The person, whose year of birth is 1989 lives on an even numbered floor but not on the second floor. (Hence, the person, whose year of birth is 1989, lives on either 4th or 6th floor).

III. Pooja lives on the even numbered floor but not below the floor on which Parul lives, whose year of birth is 1989. (Hence, Pooja lives on the 6th floor).

IV. The one who works in HCL was born in 1989. (Hence, Parul works in HCL).

Floor	Employees	Birth Year	Company
7			
6	Pooja		
5			
4	Parul	1989	HCL
3			
2			
1	Priya		TCS

V. Only three persons live between Sunny and the one who works in Infosys.

VI. Sunny lives below the floor on which Sneha lives, who is youngest of all of them. (Therefore, Sunny does not live on topmost floor and Sneha is youngest hence Sneha must be born on 1998).

VII. Sunny works in Infotech.

VIII. Only three persons live between Raman and the one who works in Softech and their age of difference is 8 years. So, there are two possibilities here :

Floor	Case – 1			Case – 2		
	Employees	Birth Year	Company	Employees	Birth Year	Company
7			Softech			Infosys
6	Pooja		Infosys	Pooja		Softech
5						
4	Parul	1989	HCL	Parul	1989	HCL
3	Raman			Sunny		Infotech
2	Sunny		Infotech	Raman		
1	Priya		TCS	Priya		TCS

IX. Riya works in Wipro but does not born in 1991.

X. The difference of age between the person who works in HCL and sunny is 17 years.

XI. The one who work in Microsoft, does not born in 1986.

(As person who working in HCL born in 1989 then Sunny has to born in 1972 to make age difference between them as 17 year).

(As we can observe that age difference between person working in Softech and Raman is 8 year and possible combination are 1986 and 1978 as Raman birth year can't be 1986 hence Raman birth year will be 1978 and person who working in Softech must be bron on 1986). Hence, Raman lives on the second floor.

Here, case – 1 will eliminates as in that case person working in Softech is born on 1998.

Other information will be filled respective leftover places:

Floor	Employees	Birth Year	Company
7	Sneha	1998	Infosys
6	Pooja	1986	Softech
5	Riya	1982	Wipro
4	Parul	1989	HCL
3	Sunny	1972	Infotech
2	Raman	1978	Microsoft
1	Priya	1991	TCS

E. **Who among the following lives on the topmost floor?**

A The one whose birth of year is 1986.

B The one whose birth of year is 1989.

C The one whose birth of year is 1972.

D The one whose birth of year is 1978.

E **The one whose birth of year is 1998.**

Solution

I. Priya lives on the lowermost floor and works in TCS.

II. The person, whose year of birth is 1989 lives on an even numbered floor but not on the second floor. (Hence, the person, whose year of birth is 1989, lives on either 4th or 6th floor).

III. Pooja lives on the even numbered floor but not below the floor on which Parul lives, whose year of birth is 1989. (Hence, Pooja lives on the 6th floor).

IV. The one who works in HCL was born in 1989. (Hence, Parul works in HCL).

Floor	Employees	Birth Year	Company
7			
6	Pooja		
5			
4	Parul	1989	HCL
3			
2			
1	Priya		TCS

V. Only three persons live between Sunny and the one who works in Infosys.

VI. Sunny lives below the floor on which Sneha lives, who is youngest of all of them. (Therefore, Sunny does not live on topmost floor and Sneha is youngest hence Sneha must be born on 1998).

VII. Sunny works in Infotech.

VIII. Only three persons live between Raman and the one who works in Softech and their age of difference is 8 years. So, there are two possibilities here :

Floor	Case – 1			Case – 2		
	Employees	Birth Year	Company	Employees	Birth Year	Company
7			Softech			Infosys
6	Pooja		Infosys	Pooja		Softech
5						
4	Parul	1989	HCL	Parul	1989	HCL
3	Raman			Sunny		Infotech
2	Sunny		Infotech	Raman		
1	Priya		TCS	Priya		TCS

IX. Riya works in Wipro but does not born in 1991.

X. The difference of age between the person who works in HCL and sunny is 17 years.

XI. The one who work in Microsoft, does not born in 1986.

(As person who working in HCL born in 1989 then Sunny has to born in 1972 to make age difference between them as 17 year).

(As we can observe that age difference between person working in Softech and Raman is 8 year and possible combination are 1986 and 1978 as Raman birth year can't be 1986 hence Raman birth year will be 1978 and person who working in Softech must be bron on 1986). Hence, Raman lives on the second floor.

Here, case – 1 will eliminates as in that case person working in Softech is born on 1998.

Other information will be filled respective leftover places:

Floor	Employees	Birth Year	Company
7	Sneha	1998	Infosys
6	Pooja	1986	Softech
5	Riya	1982	Wipro
4	Parul	1989	HCL
3	Sunny	1972	Infotech
2	Raman	1978	Microsoft
1	Priya	1991	TCS