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I reached the venue at 11 am. The interview started at 12. I was told to go to a panel where there were two persons seating.

me: good afternoon sir

sir: gud afternoon, please be seated.

(one of dem was seeing my cv) so anustup, wats da meaning of ur name??

me: (i xplained.)

sir: ok now tel me sumthing about urself.

me: (i told about my parents, schooling, hobbies bla bla bla.....i have told dem dat i sing)

sir den interrupted me and asked wat songs? rabindrasangeet?

i was shocked as i sing rabindrasangeets only. i told yes sir.

sir: ok so wat is ur stream?

me: sir, its electronics and communication.

sir: **ok wat are holes?**

me: i xplained by saying how holes r created by doping a semiconductor with a p-type of material.

sir: **ok so wat is p-type material?**

me: i xplained in details.

sir: **ok den Si is p-type or n-type?**

me: i dont know wat happened to me dat tym but confidently i told dem dat Si is p-type. (i was laughing at my own wen i realised afterwrds wat a blunder i made)

sir: ok **wat is its band-gap energy?**

me: sir its 0.6 ev (actually it is 1.1 ev, but i was cnfident in answering)

sir: ok wat is conduction band?

me: i xplained.

sir: **wat is ur favourite subj?**

me: **netwrking.**

sir: **ok wat r LAN, MAN nd WAN?**

me: i xplained.

sir: ok. **wat is internet?**

me: sir it is interconnection of **networks.**

(dey were very impressed on hearing da answer)

sir: **wat is modem?**

me: i answered.

sir: ok now lemme ask sumthin from C. **wat dou mean by main?**

me: (dis is da 2nd tym i told wrong answer but cnfidently.)

sir, it is a library function which is defined in files like stdio.h, conio.h etc.

sir: is it defined in both files?

me: yes sir.

sir: den why do we write main single tym?

me: sir because dere is no usefulness in writing twice.

sir: but tel me whether we can write or not.

me: i thought a few secs n den told yes sir we can write.

(the main thing is dat main is a user-defined function. many of da students dont knw dis as afterwards wen i asked dis ques 2 my frns, dey also told dat its a library function.)

sir: **wat is an array?**

me: its a collection of similar data elements.

sir: ok den wat do u mean by data elements?

me: i xplained da integer, character n float type dta elements.

sir: **ok .wat is an array's size?**

me: i told sir, if da array is `int a[2]`, den dere r 3 elements. so its size is 3.

sir: no its not so.

me: i thought a little n den told dat since each integer takes 2 bytes of memory, so da array's size will

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be 6 bytes as dere r 3 elements.

sir: ok .good.

sir:so why do u want to join tcs?

me: sir,becoz i have heard frm my seniors dat tcs is a very gud company

sir interrupted me n told why?infosys,cts dey r also gud companies?

me:i told yes sir.but TCS is da largest provider of information technology and business process outsourcing services in asia.

(both of dem were impressed.)

sir:ok so why shud we hire u?

me: i told dem about my strengths.

sir: ok wats ur weakness?

me: sir ,i have a bit speaking problem.(i do have a mild stammering problem n so i dint give a 2nd thought to say dis answer)

sir: ok den do u think u can overcum dis?

me: yes sir,with my confidence and zeal to work hard.

(dis was da best answer given by me as dey were very impressed.i cud read frm deir faces.)

sir:ok anustup,tell me sumthing about ur project.

me: i xplained da project

sir asked a feq questions frm it and i was able to answer dem.

sir:ok anustup,nice to meet u.have a nice day.

After about 1 week, the confirmation mail from TCS came and i was overjoyed to see the mail.

Guys, always believe that confidence and being truthful is the key to success. Have faith in yourself and you will be the winner.

See you guys in TCS.

What is the difference between C and C++?

9) What do you mean by polymorphism?

10) Give an example of polymorphism with code.

11) What do you mean by OOP?

12) What is inheritance?

13) What is a friend function?

14) What is an abstract class?

15) Suppose there is a number 235 such that sum of first two digits is equal to the third digit. How many such 3 digits number are possible?

16) Why is the VIRTUAL keyword used in C++?

17) Which keyword is written to use a variable declared in one class in the other class?

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18) Suppose a code is written in C and you want to use that code in C++. How can you do that?

19) What do you mean by DML?

20) Is there any language other than SQL where DML is used? If yes, then which?

21) How many normal forms do we have?

22) Here is a tic-tac-toe game which is being played by 2 people:

```
x o _  
o _ _  
x o x
```

_ represent the blank spaces. Who played the last chance (x or o)?

Technical Questions asked to my friends:

Question 1: What is a transaction? Properties of Transaction?

Question 2: What “condition” will be written in the if statement such that both Hello World are printed when the following code is executed.

```
if(condition)  
{  
printf(“Hello”);  
}  
else  
{  
printf(“World”);  
}
```

Question 3: What will be the output of the following code?

```
int i=5;  
printf(“%d, %d, %d”, i++, i, ++i);
```

Which C compiler do you use? (My friend said TURBO)

What will be the output of above code in TURBO compiler? (He said SAME)

No! It will not be the same.

Managerial Round(MR)

It was just a 2-3 minutes round. The interviewer asked me to introduce myself. Then asked about my father. Then core values and strengths. Your hobbies? Which latest novel have you read?

HR Round

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- > 1: Introduce yourself?
- > 2: Your family background; father, mother, siblings.
- > 3: What was the need of bringing Information Technology in India?
- > 4: How does TCS earn its revenues? How it does its business?
- > 5: There is a round cake. You have 3 chances to cut the cake. Divide the cake into 8 pieces in these 3 chances.
- > 7: You have a good communication skill. Why is it so? Is it because of your schooling or family atmosphere? Whom do you give the credit for this?
- > 8: Suppose if I reject you today, what will **Question 1:** Write the pointer representation of `a[i][j][k]`.

Question 2: `i = 5`

`i++, ++i, --i, i--, 5`

What will be the output if it is printed?

Question 3: How will you insert a new node between any two nodes in a linked list? Write the code.

Question 4: How will you find a particular data in the linked list?

Question 5: What is MD5?

Question 6: What is RSA? Explain its principle.

Question 7: There is a triangle and 3 ants on each vertex of the triangle. The 3 ants start to move randomly along the edges of the triangle. What is the probability that two ants will collide?

Question 8: What is the difference between C and C++?

Question 9: What do you mean by polymorphism?

Question 10: Give an example of polymorphism with code.

Question 11: What do you mean by OOP?

Question 12: What is inheritance?

Question 13: What is a friend function?

Question 14: What is an abstract class?

Question 15: Suppose there is a number 235 such that sum of first two digits is equal to the third digit. How many such 3 digits number are possible?

Question 16: Why is the VIRTUAL keyword used in C++?

Question 17: Which keyword is written to use a variable declared in one class in the other class?

Question 18: Suppose a code is written in C and you want to use that code in C++. How can you do that?

Question 19 What do you mean by DML?

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Question 20: Is there any language other than SQL where DML is used? If yes, then which?

Question 21: How many normal forms do we have?

Question 22: Here is a tic-tac-toe game which is being played by 2 people:

```
x o _  
o _ _  
x o x
```

_ represent the blank spaces. Who played the last chance (x or o)?

Technical Questions asked to my friends:

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Which C compiler do you use? (My friend said TURBO)

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No! It will not be the same.

After the technical round, there was an MR i.e. Managerial Round.

It was just a 2-3 minutes round. The interviewer asked me to introduce myself. Then asked about my father. Then core values and strengths. Your hobbies? Which latest novel have you read?

Next was the HR round. This was a little time taking round as the technical one.

Question 1: Introduce yourself?

Question 2: Your family background; father, mother, siblings.

Question 3: How does TCS earns its revenues? How it does its business?

Question 4: What was the need of bringing Information Technology in India?

Question 5: There is a round cake. You have 3 chances to cut the cake. Divide the cake into 8 pieces in these 3 chances.

Question 6: Suppose if I reject you today, what will you do next?

Question 7: You have a good communication skill. Why is it so? Is it because of your schooling or family atmosphere? Whom do you give the credit for this?

Question 8: What are your strengths? Give 2 examples of your life incidents that portray this strength in you.

Question 9: What are your weaknesses?

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you do next?

- -> 9: What are your strengths? Give 2 examples of your life incidents that portray this strength in you.

- -> 10: What are your weaknesses?

This was it. Out of some 250-300 candidates, only 10 could make it till the HR round and I'm glad to be one of them. They have asked us to wait for 2 weeks for the mail.

I'm waiting for my email

Wish all the best guys !

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