

Priyal Mittal (MSc Computer Science)

Truminds Interview Experience

Round 1 - Online Assessment (90 minutes)

Platform: HackerEarth

No. of questions = 17 (16 MCQs + 1 Coding)

MCQs based on - Aptitude, OS, CS Fundamentals, Program output and Find errors on C, C#, Java

1 Coding question (on Strings).

28 students were selected in this round.

Round 2 - Technical Round (approx. 50-55 mins)

The interview was conducted at the department.

The interviewer started with my introduction, he asked me about my hometown and then asked me to explain my projects and a brief discussion was held on one of my projects.

The following questions were asked by interviewer:

- What is memory leak in C/C++? Discussion on new() and delete()
- What data structures I know?
- Next, Interviewer asked me to write a code to read my resume (.txt file) and print all the unique words present in it.
- Some general questions on OSI model layers.
- Basic OOPs question- Inheritance
- What is the output of this code:

```

void func(int n)
{
    if(n>0)
    {
        cout<<"Hi";
        func(--n);
    }
    cout<<"Hello";
}

int main()
{
    func(7);
    return 0;
}

```

- Next, he asked me write a SQL query. He showed me the tables of Customers and Orders and asked me to display the names of all customers who have ordered.
- Given two numbers n1 and n2. Write a program to print all the prime numbers in the range [n1, n2], n1 & n2 inclusive.
- Puzzle: There are 3 boxes named White, Black & both containing balls of labelled color. All of them are mislabeled. You can only pick one ball from any of the box. From which box you will pick the ball such that you can label of each box correctly.

Some students also gave round 3.

Verdict: Selected for Internship + FTE