

**Simran Gulati (MCS 2021-23)**  
**ThoughtWorks (Application Developer)**  
**Interview Experience**

**Round 1: Online Assessment**

**Platform: HackerRank**

**Duration: 90 min**

There were 10-12 MCQs on CS Fundamentals, Outputs and Aptitude and 3 programming questions.

Level: Moderate.

*10 students cleared this round.*

**Round 2: Pair Programming**

**Platform: Zoom, IDE of your choice**

**Duration: 1:30 hr.**

In this round you are given a problem statement with examples and you have to code it using the concepts of OOPs.

There were 2 interviewers in this round. Firstly, they will ask about your understanding of the problem, then you need to show a working code for that problem.

Also, they will suggest some changes and give some hints- you just need to catch the hints and keep improving your code.

***Tip:** Start with the simple approach, then keep on improving that with the help of the interviewers.*

*Also, use meaningful variable and function names, they also focus on clean code.*

**Question :** [https://drive.google.com/file/d/1E26pn\\_BxeGWIA0PgWw6NZG17u9n5j63K/view?usp=sharing](https://drive.google.com/file/d/1E26pn_BxeGWIA0PgWw6NZG17u9n5j63K/view?usp=sharing)

*7 students cleared this round.*

**Round 3: Technical Interview**

**Platform: Zoom**

**Duration: 1:30 hr.**

There were two interviewers. We started with introduction.

**Ques 1:** I was asked to implement a music player.

- Which data structure can be used? (Doubly linked list or Arrays)
- Implement the function to play the next and previous song.
- Implements a shuffle function which plays any random song.
- Time and space complexity in case of linked list and arrays.

**Ques 2:** Merge two linked list in the shown manner:

list 1: 5->7->17->13->11

list 2: 12->10->2->4->6

output: 5->12->7->10->17->2->13->4->11->6

list1: 1->2->3

list2: 4->5->6->7->8

output: 1->4->2->5->3->6

I was asked to code both the problems on notepad.

**Ques 3:** Write a SQL Query which outputs the highest salaried employee of each department.

Then, some basic oops and networking questions were asked.

*2 students cleared this round.*

#### **Round 4: Social Change and Leadership Interview**

**Platform: Zoom**

**Duration: 1:15 hr**

There were 2 interviewers. The interview started with introduction from both sides. There were 2 rounds in this interview.

**Leadership Round:** They asked about my projects and which project was done in a team. Then they asked a lot of situation based questions and wanted to know how would I handle them.

Then they asked who is your role model and why.

**Social Round:**

Have you faced / seen any kind of discrimination happening around you?

Then this discussion went towards caste discrimination and what can you do to prevent this. Again some situation based questions were asked.

At the end, they asked how can you help the society with technology. Then they told about how Thoughtworks use technology for the welfare of the society.

***Result : Selected.***

**Just be confident and try to catch the hints given by the interviewers. These rounds of Thoughtworks are very different but you will definitely have a great experience.**

**All the very best ☺**