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* There are total of 9 rounds $\left\{ \begin{array}{l} 2 \text{ at campus} \\ 7 \text{ at Thoughtworks office at Hyderabad.} \end{array} \right.$

* At Campus (RVKT Basar) - 250 students

1) Coding round by codebes.com (Online assessment)

2 programs - 30 mins \rightarrow total online

2) Logical Reasoning (Flow chart) Test

offline - a booklet is given we need to solve problems in booklet itself

11 Questions - 12 marks [each question carries 1 mark except 3rd question 2 marks.]
75 mins

* At Thoughtworks office Hyderabad, (14 out of 250) students.

These are a total of seven rounds

1) Ice breaking - It is just an interactive session with employees over these. People over there are very nice.

2) Long Coding Test \Rightarrow 1:30 mins

2 program statements are given. we need to solve 1 question with in the time frame of $1\frac{1}{2}$ hours. We were given laptops over these, with full of IDE's, compilers whatever we want. At we

can code the logic in any programming language, they will provide everything for you.

3) Pair Programming

One thoughtworker is assigned to each student, students have code the problem, if at any stage we stuck (as) we cannot proceed further then associate thoughtworker will help you in trouble shooting.

same program - 30 min duration.

4) Technical Interview - 1 → 2 hours

In this round they will test your technical skill in depth, ~~the~~ it a 2 hours, for me it took 2 hours.

* → puzzle - how many balls will fit in a room? we need to derive a formulae.

→ Java

→ Algorithms - all workings in depth, & complexities.

→ DBMS - They give you a scenario, we need to design database

5) TR-2 → 1 hour

1 hour round, for me it was totally on C language. 1st they will ask you for your favorite one, they will ask you from that, but in depth.

C - linked lists, structures, Memory Allocations

6) Social & Economical Justice - 3rd pillar of thoughtworker.

It is a General talk with HR, they asked social issues & problems in my village.

7) Leadership - with General Manager (GM)

It was just a casual talk, he was very nice, we were talked company, he explained about the company.

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* These are total of 9 rounds $\begin{matrix} \leftarrow 2 \text{ at} \\ \rightarrow 7 \text{ at Thoughtworks office hyd} \end{matrix}$

At campus: (RGVKT Basar) - 250 students

1) coding round :

2 programs (30 mins)

2) logical Reasoning

flowchart & (11 questions 1 hour 15 mins)

At Thoughtworks office :

Icebreaking round :

Interactive session with employees of Thoughtworks

no elimination

logical coding Test : (1 hour 30 mins)

2 questions : we have to write code for any one of the
~~above~~ two questions

pair programming round : (30 mins)

one Thoughtwork employee come to you, they will check
your code & They will tell you the mistakes in variable
name declaration, method names & class names

Technical Round 1 : (2 hours)

1) favorite subject (Operating System)

2) one programming language (JAVA)

Technical Round - 2 :- (1 hour)

- 1) python
- 2) java

Social & economical Justice Issues :- (30mins)

(3rd pillar of thought works)

casual talk with HR's. They will ask simple HR questions

Leadership Quality Round (30mins)

It is also a interactive ~~Q~~ session with General manager.

He will ask simple HR questions.

Thought Works

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- There are totally 9 rounds. $\left\{ \begin{array}{l} \rightarrow 2 \text{ will be in campus} \\ \rightarrow 7 \text{ will be in the office} \end{array} \right.$
- First round ~~with~~ coding round (You have to write two programs and compile them on the online). Cocubes.com, Time 30 mins
- Next round was logical reasoning. It was not exactly logical questions like other papers. It contained flowcharts. (It was like algorithms, you have to predict the op) there were total of 11 questions (time 75 mins) total marks were 12. (one question contained 2 marks).

Rounds at office (Hyderabad, Gachibowli)

⇒ first round was ice breaking game, just an interactive session. They have divided us into groups & given tasks like, find out the favorite place of all employees. It was like treasure hunt game. (Time 30 mins)

⇒ Second round, 3rd was long coding and pair programming (2 hours). Given two problems, ~~you have~~ we had to code any one problem. we can code in any language (I have choos~~ed~~ java). After completing coding one of the employee came and evaluated, he suggested some changes in the code. Never forget oops concepts if you choose Java

⇒ Technical Round: 1: It went for 1:45 mins. Two persons were there. Asked me about my project first. After that they asked me about the technologies, then drilled me about that technologies. Asked me about algorithms.

sorted →

10	20	30	40
11	21	31	41
12	22	32	42
13	23	33	43

sorted ↓

⇒ $m \times n$ matrix

to find an element it takes $O(m \times n)$ by brute force.

Try to reduce it by taking the advantage of sorted horizontally and vertically.

Asked me to design: if a room contains a switch and bulb, when you switch on it the bulb should lit, when you switch off light should go off. (Make sure you have a solid OOPS concepts for this)

```
class bulb() {
    private off = true;
    getState()
    return
    offLight() {
        off = true;
    }
    OnLight() {
        off = false;
    }
}
```

```
class switch() {
    bulb a;
    bulb a;
    switch(bulb a) {
        this.a = a;
    }
    offSwitch() {
        a.offLight();
    }
    OnSwitch() {
        a.onLight();
    }
}
```

```
class room() {
    bulb light = new bulb();
    switch s = new switch(light);
    s.onSwitch();
    s.offSwitch();
}
```

After that they have added a fan to room.

⇒ TR-2 It was about 25 mins. Asked me about HTTP protocol, GET, POST methods, computer networks, mobile applications. It went cool.

⇒ Social & Economical Justice :- They asked me about my village & problems of my family. And some social issues. (45 mins)

- Why 33% Reservation for women.
- What is the need of caste reservation, do you want it or remove it.
- They told about their third pillar (social).

Leadership Round:-

It was with Hyderabad G.M. He asked me about my hobbies and interests, told about company (25 mins)

Guys just crack the TR1 that's it. you will be in.

In TR-1, They will give you marker and you have to explain them on the board. They will wait till you answer.

So wait & ^{think} before you answer. They will move to next question only if you say you don't know the answer. They will make you to tell answer by giving some tips.

ALL THE BEST

Thought works

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There are total of 9 rounds
├ 2 at KNOTT campy
└ 7 rounds at Thoughtworks

Initially all branch students attempted card aptitude exam for thoughtworks in that 250 were shortlisted.

Then after for 250 students we have ^{Simple} coding test

① Simple coding test: In this only 2 basic programs were given. In this round only 10 students are shortlisted.

② Flow-chart (Logic test): In this we have hard copy of 15 Questions booklet. We need have to answer those Questions. In this round there is no elimination for us

③ Ice breaking quiz round (Thoughtworks): This round is only for interacting with the employees of thoughtworks. I enjoyed a lot in this round.

4) Long programming round and pair programming:

In this round two long questions were given ~~we~~ they have given 1 hour 30 minutes and we have to do answer one question. Then after one of the employee of thoughtworks ~~we~~ had paired with me. Then I explained what I have done and he also ~~said~~ asked to change the code and remove the redundant code if we cooperate and interact well with the employee we can simply reach this round from this round only 8 members shortlisted

5) Technical round: This is 2-1 round we have interviewed by 2 people. They ask what ever they want. They ~~will~~ checked the everything about your project and your subjects once you reach this round you can almost get into the thoughtworks

6) Social and economical justice: In this round they only check. How you response towards your society. What is your view on society. They concentrated on this because they had many projects regarding social responsibility

⑤ Technical round 2: In this round they again check how well you are technically and they will just check how good you are. There is no elimination in this round to 4

⑧ Leadership round: In this we interviewed by general managers of Thoughtworks. He just interviewed freely. After this round only 4 members were left

The 4 members were selected for thoughtworks.