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Company: Samsung (SRI-D)

Coding Round (3 Hrs)

Check whether given graph is bipartite or not. If bipartite then print the nodes of any one set

Technical Interview (45 – 50 minutes)

- Introduce Yourself.
- Asked about ratings in competitive programming sites.
- Why are your grades low?
- How was the question in the coding round? Describe how you solved it. Alternate ways to solve it. What were the problems you faced while solving it?
- Difference between BFS and DFS.
- What are the ways to optimize some program?
- What is Dynamic Programming?
- Explain Knapsack 0-1 problem and write its code.
- Are you more comfortable in C or C++?
- What is memset and memcpy? Write their syntax.
- What is Diamond problem in inheritance? How it is solved.
- What is virtual function? Write a code to explain its functioning.
- What is a function pointer?
- Output of a code snippet. (function pointer based)
- A simple aptitude question. (river-boat upstream/downstream)
- Any questions?

HR Round (20 -25 minutes)

- Introduce Yourself.
- How was your technical round?
- Asked about my Family.
- Where are you from?
- 5 best things about your college.
- How is your college life?
- Why are your grades so poor? (again)
- Why won't you study further?
- How would you rate yourself in MongoDB? (Resume based question)
- How would you rate yourself in passion to learn/hardworking?
- Are you willing to work in some particular team?
- What do know about Samsung?
- Can you name some domains in which Samsung works?
- What will you do if someone steals credit for your work?
- Your energy level seems to be constant, are you always like this?why?
- How would your friends describe you in a word?