Abhilaksh Sharma ([sabhilak](https://phonetool.amazon.com/users/sabhilak" \t "_blank))S Software Dev Engineer II (Level 5)

Tenure: 4 years, 1 month | Training: MGHD, SDE FI & OA VERIFIER | Interviews:

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Coding (Data Structures and Algorithms)\*

Deliver Results\*

Learn and Be Curious\*

inclined

Summary

**[**

**Candidate**

**] Rishabh Gaurav**

* SDE at Oracle
* Backend heavy job

Burn the binary tree starting from the target node

Given a binary tree and target node. By giving the fire to the target node and fire starts to spread in a complete tree. The task is to print the sequence of the burning nodes of a binary tree.

Rules for burning the nodes :

\* Fire will spread constantly to the connected nodes only.

\* Every node takes the same time to burn.

\* A node burns only once.

I/P :

5

/ \

1 3

/ \ / \

2 4 6 9

Fire start node = 1

O/P:

1

2 4 5

3

6 9

**Strengths**

[+] Problem solving : provided 2 approaches

[+] BFS and recursion

[+] Solved using recursion

[+] Optimal time and space complexity

[+] Speaking out loud and explaining thought process clearly

**Weakness**

[-] changed the code many times while writing

[-] getting confused in between

Coding (Data Structures and Algorithms)\*

Mild Strength

Candidate was able to solve the problem with 2 optimal approaches : BFS and DFS

**Strengths**

[+] Speaking out loud and explaining thought process clearly

[+] Mild strength in Problem solving : provided 2 approaches

* BFS and recursion

[+] Solved using recursion (*tricky implementation*)

[+] Well versed in time and space complexity

**Weakness**

[-] Changed the code many times while writing

[-] Getting confused in between while implementing the code

Deliver Results\*

No Data

This was a speed coding round with 30 minutes time period and hence not enough time was available.

Learn and Be Curious\*

No Data

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