

## TEST CASES:

```
Microsoft Windows [Version 10.0.26100.3775]
(c) Microsoft Corporation. All rights reserved.

C:\Users\yaman>cd VsCode

C:\Users\yaman\VsCode>projectoutt.exe
Welcome!
X A - - X
B - - - Z
X C - - X
Enter the maximum number of total moves allowed:
78
Who starts first? Type 'firsts' or 'last':
firsts
X A - - X
B - - - Z
X C - - X
Please select one of the first three letters and a cell (e.g., A 6):
C 12
X A - - X
B - - - Z
X - C - X
Please select a cell for the Z:
6
Invalid move!
X A - - X
B - - - Z
X - C - X
Please select one of the first three letters and a cell (e.g., A 6):
B 11
X A - - X
- - - Z
X B C - X
Please select a cell for the Z:
8
X A - - X
- - - Z -
X B C - X
Please select one of the first three letters and a cell (e.g., A 6):
A 7
X - - - X
- - A Z -
X B C - X
Please select a cell for the Z:
3
X - - Z X
- - A - -
X B C - X
```

```
Please select one of the first three letters and a cell (e.g., A 6):
B 6
X - - Z X
- B A - -
X - C - X
Please select a cell for the Z:
9
X - - - X
- B A - Z
X - C - X
Please select one of the first three letters and a cell (e.g., A 6):
B 2
X - B - X
- - A - Z
X - C - X
Please select a cell for the Z:
13
X - B - X
- - A - -
X - C Z X
Please select one of the first three letters and a cell (e.g., A 6):
C 8
X - B - X
- - A C -
X - - Z X
Please select a cell for the Z:
9
X - B - X
- - A C Z
X - - - X
Please select one of the first three letters and a cell (e.g., A 6):
A 13
X - B - X
- - - C Z
X - - A X
Please select a cell for the Z:
8
Invalid move!
X - B - X
- - - C Z
X - - A X
Please select one of the first three letters and a cell (e.g., A 6):
B 3
X - - B X
- - - C Z
X - - A X
A&B&C win!
X - - B X
- - - C Z
X - - A X
```

Firsts win

```

Microsoft Windows [Version 10.0.26100.3775]
(c) Microsoft Corporation. All rights reserved.

C:\Users\yaman>cd VsCode

C:\Users\yaman\VsCode>projectoutt.exe
Welcome!
X A - - X
B - - - Z
X C - - X
Enter the maximum number of total moves allowed:
50
Who starts first? Type 'firsts' or 'last':
firsts
X A - - X
B - - - Z
X C - - X
Please select one of the first three letters and a cell (e.g., A 6):
B 6
X A - - X
- B - - Z
X C - - X
Please select a cell for the Z:
8
X A - - X
- B - Z -
X C - - X
Please select one of the first three letters and a cell (e.g., A 6):
B 5
Invalid move!
X A - - X
- B - Z -
X C - - X
Please select a cell for the Z:
7
X A - - X
- B Z - -
X C - - X
Please select one of the first three letters and a cell (e.g., A 6):
2
Invalid move!

```

```

Please select one of the first three letters and a cell (e.g., A 6):
C 11
Invalid move!
X A - - X
- B Z - -
X C - - X
Please select a cell for the Z:
2
X A Z - X
- B - - -
X C - - X
Please select one of the first three letters and a cell (e.g., A 6):
C 12
X A Z - X
- B - - -
X - C - X
Please select a cell for the Z:
7
X A - - X
- B Z - -
X - C - X
Please select one of the first three letters and a cell (e.g., A 6):
C 11
Invalid move!
X A - - X
- B Z - -
X - C - X
Please select a cell for the Z:
11
X A - - X
- B - - -
X Z C - X
Please select one of the first three letters and a cell (e.g., A 6):
B 7
X A - - X
- - B - -
X Z C - X
Please select a cell for the Z:
5
X A - - X
Z - B - -
X - C - X
Z wins!
X A - - X
Z - B - -
X - C - X
C:\Users\yaman\VsCode>|

```

Z wins

```

Microsoft Windows [Version 10.0.26100.3775]
(c) Microsoft Corporation. All rights reserved.

C:\Users\yaman>cd VsCode

C:\Users\yaman\VsCode>projectouutt.exe
Welcome!
X A - - X
B - - - Z
X C - - X
Enter the maximum number of total moves allowed:
8
Who starts first? Type 'firsts' or 'last':
firsts
X A - - X
B - - - Z
X C - - X
Please select one of the first three letters and a cell (e.g., A 6):
A 6
X - - - X
B A - - Z
X C - - X
Please select a cell for the Z:
8
X - - - X
B A - Z -
X C - - X
Please select one of the first three letters and a cell (e.g., A 6):
B 3
Invalid move!
X - - - X
B A - Z -
X C - - X

```

```

Please select a cell for the Z:
7
X - - - X
B A Z - -
X C - - X
Please select one of the first three letters and a cell (e.g., A 6):
B 1
X B - - X
- A Z - -
X C - - X
Please select a cell for the Z:
1
Invalid move!
X B - - X
- A Z - -
X C - - X
Please select one of the first three letters and a cell (e.g., A 6):
C 12
X B - - X
- A Z - -
X - C - X
Please select a cell for the Z:
11
X B - - X
- A - - -
X Z C - X
Game ended: Draw!
X B - - X
- A - - -
X Z C - X

C:\Users\yaman\VsCode>

```

Draw case