

# CSE 102 Spring 2024 –Computer Programming

## Assignment 9

UMUTCAN OCAK // 220104004903

```
Botanist coordinates: (1,0)
T,T,T,T,T,T,T,T,T,T,
B, , , ,T,T, , , ,T,
T, ,T, , , , ,T, ,T,
T, ,T,T,T,T, ,T, ,T,
T, ,T, , , , ,T,T,T,
T, ,T, ,T, , , , ,T,
T, ,T, ,T,T,T,T,T,T,
T, ,T, , , , , , ,T,
T, ,T,T,T,T, ,T, ,T,
T, , ,T, ,T,X,T,T,T,
Enter direction (r=right, l=left, u=up, d=down, q=quit): r
Collected flowers: 0/1
Not used bottle number: 100
Botanist coordinates: (1,1)
T,T,T,T,T,T,T,T,T,T,
 ,B, , ,T,T, , , ,T,
T, ,T, , , , ,T, ,T,
T, ,T,T,T,T, ,T, ,T,
T, ,T, , , , ,T,T,T,
T, ,T, ,T, , , , ,T,
T, ,T, ,T,T,T,T,T,T,
T, ,T, , , , , , ,T,
T, ,T,T,T,T, ,T, ,T,
T, , ,T, ,T,X,T,T,T,
Enter direction (r=right, l=left, u=up, d=down, q=quit): r
Collected flowers: 0/1
Not used bottle number: 100
Botanist coordinates: (1,2)
T,T,T,T,T,T,T,T,T,T,
 , ,B, ,T,T, , , ,T,
T, ,T, , , , ,T, ,T,
T, ,T,T,T,T, ,T, ,T,
T, ,T, , , , ,T,T,T,
T, ,T, ,T, , , , ,T,
T, ,T, ,T,T,T,T,T,T,
T, ,T, , , , , , ,T,
T, ,T,T,T,T, ,T, ,T,
T, , ,T, ,T,X,T,T,T,
Enter direction (r=right, l=left, u=up, d=down, q=quit): f
Invalid direction. Please use 'r' (right), 'l' (left), 'u' (up), 'd' (down), or 'q' (quit).
Collected flowers: 0/1
Not used bottle number: 100
Botanist coordinates: (1,2)
T,T,T,T,T,T,T,T,T,T,
 , ,B, ,T,T, , , ,T,
T, ,T, , , , ,T, ,T,
T, ,T,T,T,T, ,T, ,T,
T, ,T, , , , ,T,T,T,
T, ,T, ,T, , , , ,T,
T, ,T, ,T,T,T,T,T,T,
T, ,T, , , , , , ,T,
T, ,T,T,T,T, ,T, ,T,
T, , ,T, ,T,X,T,T,T,
Enter direction (r=right, l=left, u=up, d=down, q=quit): 
```

```

T,T,T,T,T,T,T,T,T,T,
, , , ,T,T, , , ,T,
T, ,T, , , , ,T, ,T,
T, ,T,T,T,T, ,T, ,T,
T, ,T, , , , ,T,T,T,
T, ,T, ,T, , , , ,T,
T, ,T, ,T,T,T,T,T,T,
T, ,T, , ,B, , , ,T,
T, ,T,T,T,T, ,T, ,T,
T, , ,T, ,T,X,T,T,T,
Enter direction (r=right, l=left, u=up, d=down, q=quit): r
Collected flowers: 0/1
Not used bottle number: 100
Botanist coordinates: (7,6)
T,T,T,T,T,T,T,T,T,T,
, , , ,T,T, , , ,T,
T, ,T, , , , ,T, ,T,
T, ,T,T,T,T, ,T, ,T,
T, ,T, , , , ,T,T,T,
T, ,T, ,T, , , , ,T,
T, ,T, ,T,T,T,T,T,T,
T, ,T, , , ,B, , ,T,
T, ,T,T,T,T, ,T, ,T,
T, , ,T, ,T,X,T,T,T,
Enter direction (r=right, l=left, u=up, d=down, q=quit): d
Collected flowers: 0/1
Not used bottle number: 100
Botanist coordinates: (8,6)
T,T,T,T,T,T,T,T,T,T,
, , , ,T,T, , , ,T,
T, ,T, , , , ,T, ,T,
T, ,T,T,T,T, ,T, ,T,
T, ,T, , , , ,T,T,T,
T, ,T, ,T, , , , ,T,
T, ,T, ,T,T,T,T,T,T,
T, ,T, , , , , ,T,
T, ,T,T,T,T,B,T, ,T,
T, , ,T, ,T,X,T,T,T,
Enter direction (r=right, l=left, u=up, d=down, q=quit): d
Collected flowers: 1/1
Not used bottle number: 99
Botanist coordinates: (9,6)
T,T,T,T,T,T,T,T,T,T,
, , , ,T,T, , , ,T,
T, ,T, , , , ,T, ,T,
T, ,T,T,T,T, ,T, ,T,
T, ,T, , , , ,T,T,T,
T, ,T, ,T, , , , ,T,
T, ,T, ,T,T,T,T,T,T,
T, ,T, , , , , ,T,
T, ,T,T,T,T, ,T, ,T,
T, , ,T, ,T,B,T,T,T,
Botanist says: 'I've found it!' Collected flowers: 1/1
Congratulations! You've collected all rare flowers. Exiting...

```

```
Collected flowers: 0/1
Not used bottle number: 100
Botanist coordinates: (1,0)
T,T,T,T,T,T,T,T,T,
B, , , ,T,T, , , ,T,
T, ,T, , , , ,T, ,T,
T, ,T,T,T,T, ,T, ,T,
T, ,T, , , , ,T,T,T,
T, ,T, ,T, , , , ,T,
T, ,T, ,T,T,T,T,T,T,
T, ,T, , , , , , ,T,
T, ,T,T,T,T, ,T, ,T,
T, , ,T, ,T,X,T,T,T,
Enter direction (r=right, l=left, u=up, d=down, q=quit): q
Quitting the game.
```