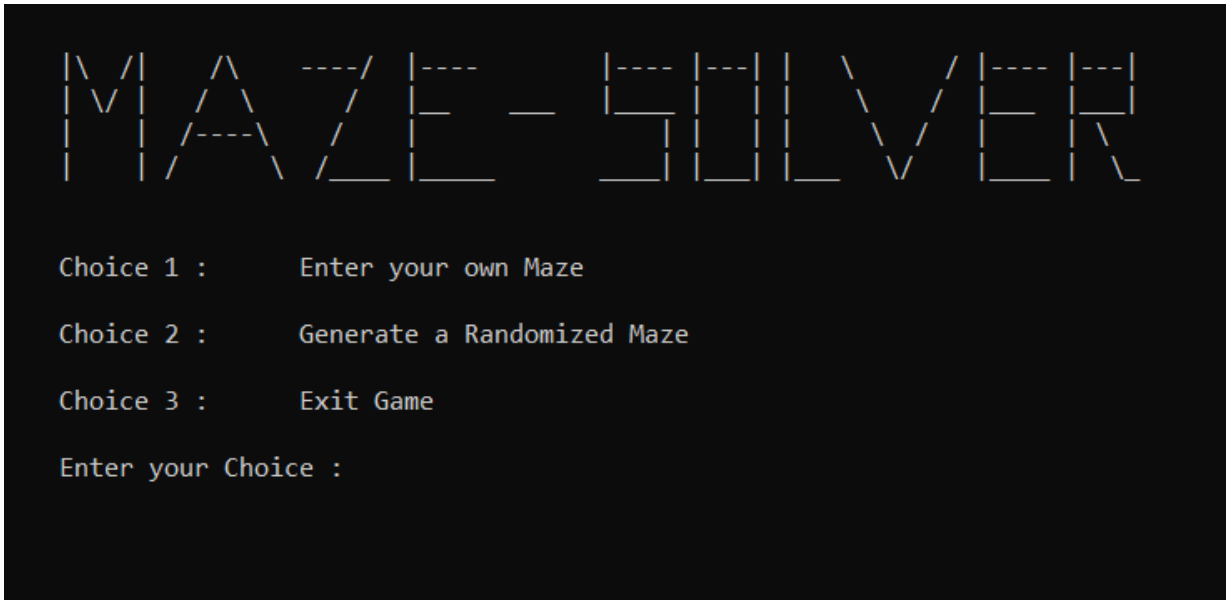
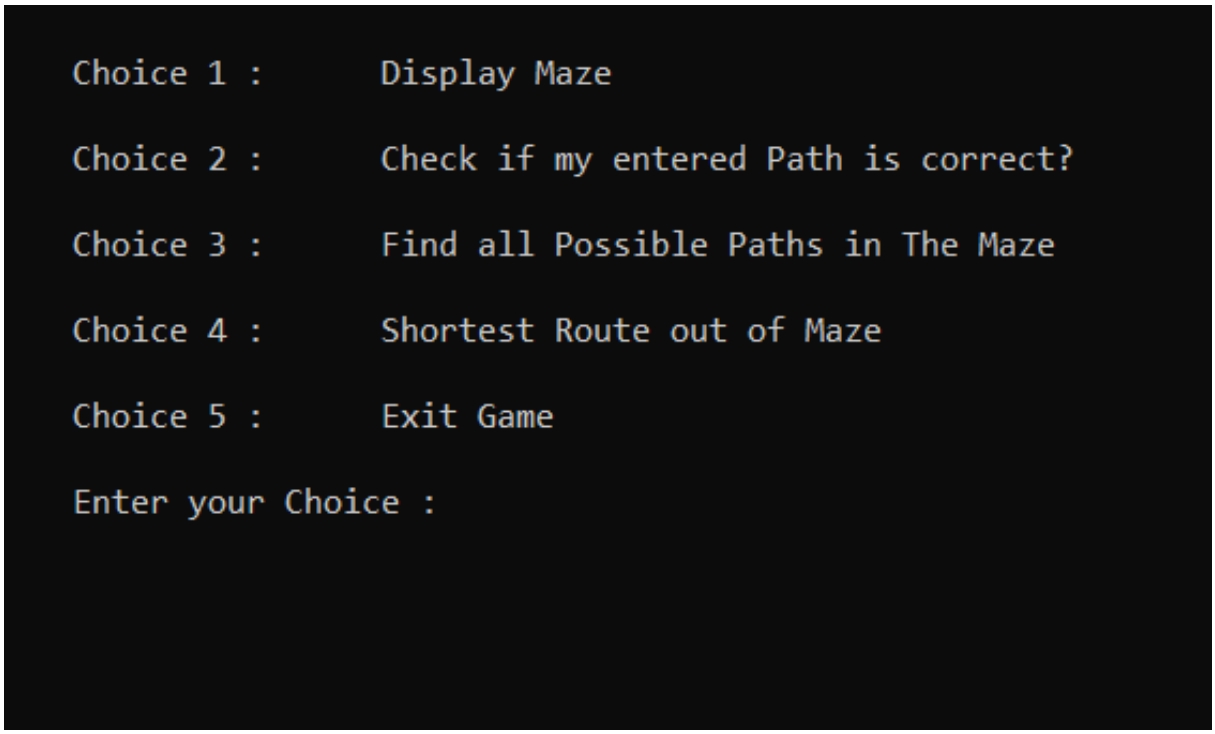
OUTPUT

The game has been successfully created and screenshots of the output are as follows:

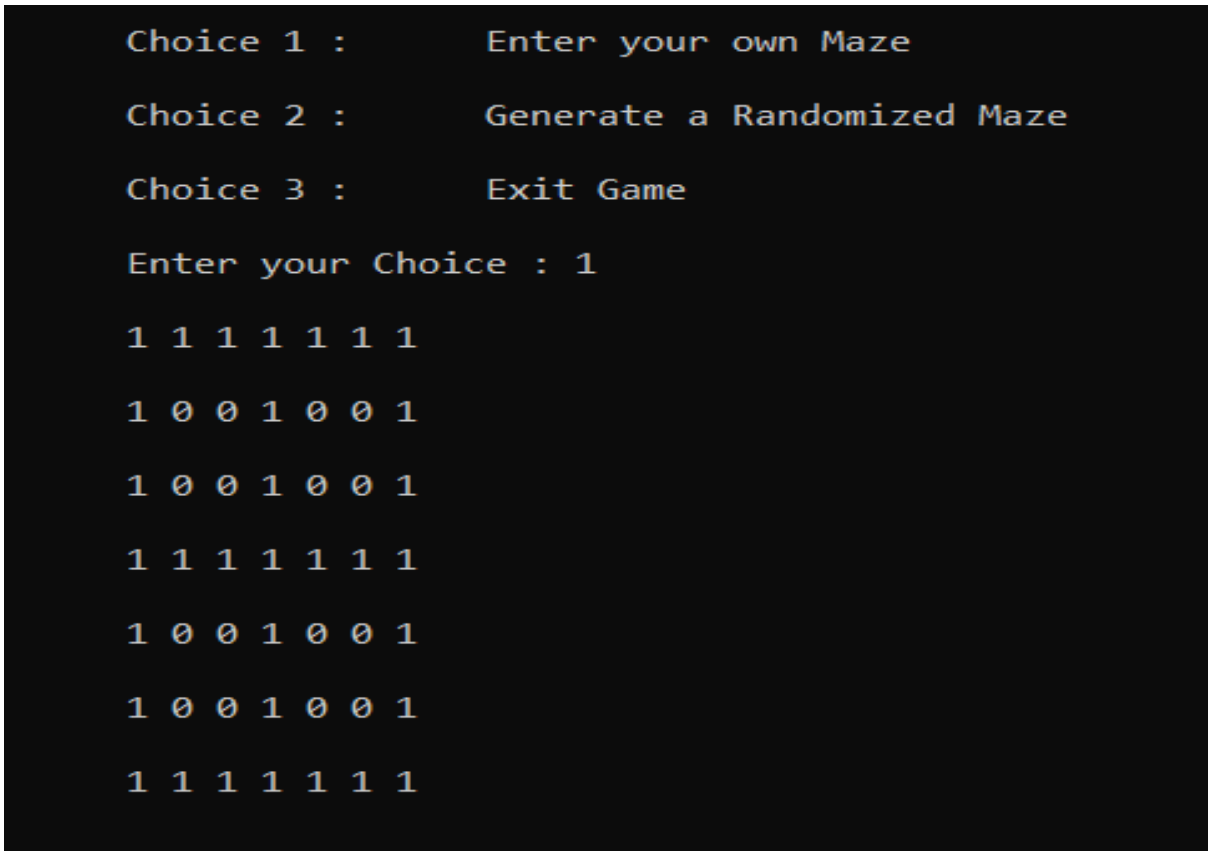
1. Opening Menu



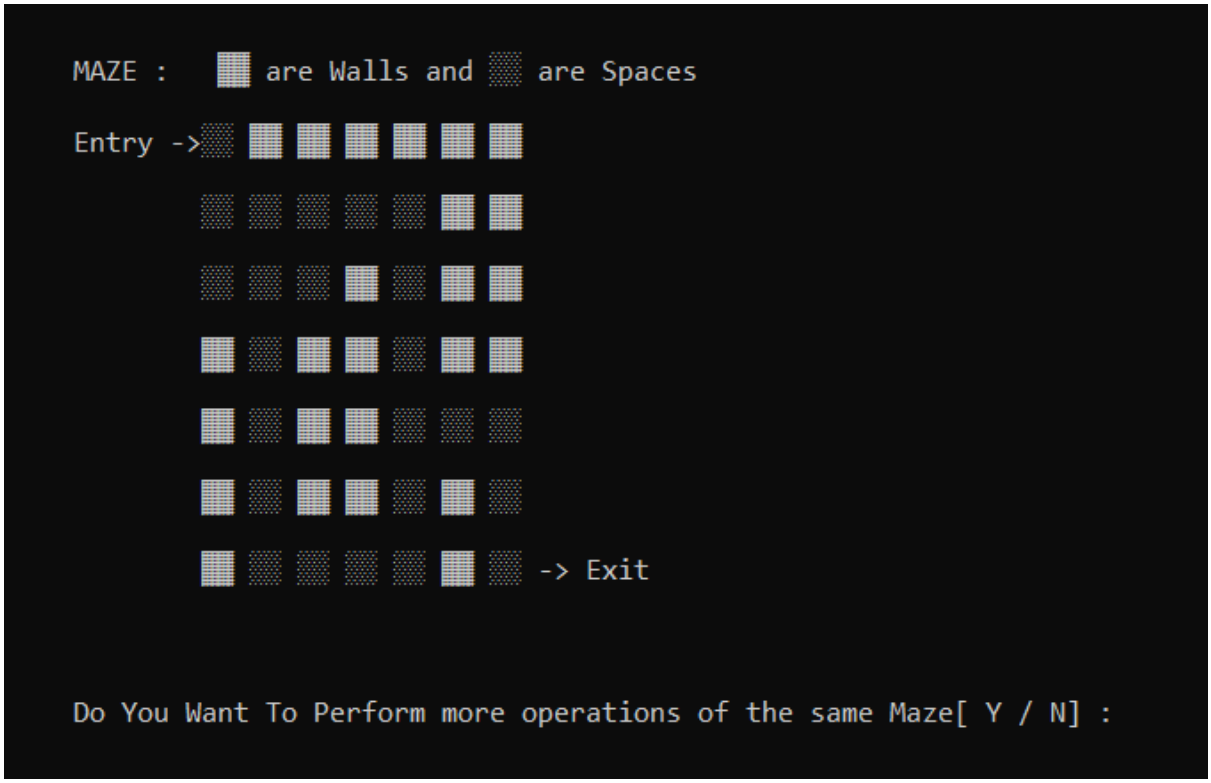
2. Second Menu:



3. User Entering own Maze::



4. Display Maze:



5. Check Solution Path:

```
Choice 1 :      Display Maze

Choice 2 :      Check if my entered Path is correct?

Choice 3 :      Find all Possible Paths in The Maze

Choice 4 :      Shortest Route out of Maze

Choice 5 :      Exit Game

Enter your Choice : 2

Enter your path : DDRRRDDRRDD


It is not a Valid Path

Do You Want To Perform more operations of the same Maze[ Y / N] :
```

6. All Possible Paths:

```
Choice 1 :      Display Maze

Choice 2 :      Check if my entered Path is correct?

Choice 3 :      Find all Possible Paths in The Maze

Choice 4 :      Shortest Route out of Maze

Choice 5 :      Exit Game

Enter your Choice : 3

Path 1 DDDDDDRRRRRR
Path 2 DDDDDDRRRUUURRRDDD
Path 3 DDDDDDRRRUUUUUURRRDDDDDD
Path 4 DDDRRRDDDRRR
Path 5 DDDRRRRRRDDD
Path 6 DDDRRRUUURRRDDDDDD
Path 7 RRRDDDDDDRRR
Path 8 RRRDDDLLLDDDRRRRRR
Path 9 RRRDDDRRRDDD
Path 10 RRRRRRDDDDDD
Path 11 RRRRRRDDDLLLDDDRRR
Path 12 RRRRRRDDDLLLLLLDDDRRRRRR

Do You Want To Perform more operations of the same Maze[ Y / N] :
```

7. Shortest Path:

```
Choice 1 :      Display Maze

Choice 2 :      Check if my entered Path is correct?

Choice 3 :      Find all Possible Paths in The Maze

Choice 4 :      Shortest Route out of Maze

Choice 5 :      Exit Game

Enter your Choice : 4


Shortest Path is : DDDDDDRRRRRR

Do You Want To Perform more operations of the same Maze[ Y / N] :
```

8. Restarting:

```
Do You Want To Perform more operations of the same Maze[ Y / N] : n


Do You Want To Regenerate Maze [ Y / N] : n


Do You Want To Continue [ Y / N] :
```