# Output 1 (X wins):

```
                           WELCOME TO TIC-TAC-TOE

              Play the classic tic-tac-toe game(also called Noughts and Crosses).

RULES OF TIC-TAC-TOE.

* The game is played on a grid that's 3 squares by 3 squares.
* You are X, your friend (or the computer in this case) is O. Players take turns putting their marks in empty squares.
* The first player to get 3 of her marks in a row (up, down, across, or diagonally) is the winner.
* When all 9 squares are full, the game is over. If no player has 3 marks in a row, the game ends in a tie.

|---|---|---|
| 1 | 2 | 3 |
|-----------|
| 4 | 5 | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
X will play first. Enter a slot number to place X in:
1
|---|---|---|
| X | 2 | 3 |
|-----------|
| 4 | 5 | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
4
|---|---|---|
| X | 2 | 3 |
|-----------|
| O | 5 | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
2
```
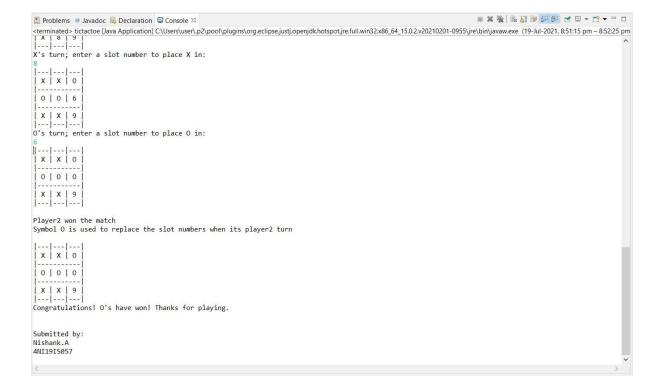
```
X's turn; enter a slot number to place X in:
2
|---|---|---|
| X | X | 3 |
|-----------|
| O | 5 | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
5
|---|---|---|
| X | X | 3 |
|-----------|
| O | O | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
3
||---|---|---|
| X | X | X |
|-----------|
| O | O | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
Player1 won the match
|---|---|---|
| X | X | X |
|-----------|
| O | O | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
Congratulations! X's have won! Thanks for playing.
```

# Output 2(O wins):

```
                    WELCOME TO TIC-TAC-TOE

           Play the classic tic-tac-toe game(also called Noughts and Crosses).

RULES OF TIC-TAC-TOE.

* The game is played on a grid that's 3 squares by 3 squares.
* You are X, your friend (or the computer in this case) is O. Players take turns putting their marks in empty squares.
* The first player to get 3 of her marks in a row (up, down, across, or diagonally) is the winner.
* When all 9 squares are full, the game is over. If no player has 3 marks in a row, the game ends in a tie.

|---|---|---|
| 1 | 2 | 3 |
|----------|
| 4 | 5 | 6 |
|----------|
| 7 | 8 | 9 |
|---|---|---|
X will play first. Enter a slot number to place X in:
1
|---|---|---|
| X | 2 | 3 |
|----------|
| 4 | 5 | 6 |
|----------|
| 7 | 8 | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
4
|---|---|---|
| X | 2 | 3 |
|----------|
| O | 5 | 6 |
|----------|
| 7 | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
2
```

```
X's turn; enter a slot number to place X in:
2
|---|---|---|
| X | X | 3 |
|----------|
| O | 5 | 6 |
|----------|
| 7 | 8 | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
3
|---|---|---|
| X | X | O |
|----------|
| O | 5 | 6 |
|----------|
| 7 | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
7
|---|---|---|
| X | X | O |
|----------|
| O | 5 | 6 |
|----------|
| X | 8 | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
5
|---|---|---|
| X | X | O |
|----------|
| O | O | 6 |
|----------|
| X | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
```

```
| X | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
8
|---|---|---|
| X | X | O |
|----------|
| O | O | 6 |
|----------|
| X | X | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
6
||---|---|---|
| X | X | O |
|----------|
| O | O | O |
|----------|
| X | X | 9 |
|---|---|---|

Player2 won the match
Symbol O is used to replace the slot numbers when its player2 turn

|---|---|---|
| X | X | O |
|----------|
| O | O | O |
|----------|
| X | X | 9 |
|---|---|---|
Congratulations! O's have won! Thanks for playing.


Submitted by:
Nishank.A
4NI19IS057
```

# Output 3(Draw):

```
                      WELCOME TO TIC-TAC-TOE

        Play the classic tic-tac-toe game(also called Noughts and Crosses).

RULES OF TIC-TAC-TOE.

* The game is played on a grid that's 3 squares by 3 squares.
* You are X, your friend (or the computer in this case) is O. Players take turns putting their marks in empty squares.
* The first player to get 3 of her marks in a row (up, down, across, or diagonally) is the winner.
* When all 9 squares are full, the game is over. If no player has 3 marks in a row, the game ends in a tie.

|---|---|---|
| 1 | 2 | 3 |
|-----------|
| 4 | 5 | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
X will play first. Enter a slot number to place X in:
1
|---|---|---|
| X | 2 | 3 |
|-----------|
| 4 | 5 | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
4
|---|---|---|
| X | 2 | 3 |
|-----------|
| O | 5 | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
2
```

```
X's turn; enter a slot number to place X in:
2
|---|---|---|
| X | X | 3 |
|-----------|
| O | 5 | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
5
|---|---|---|
| X | X | 3 |
|-----------|
| O | O | 6 |
|-----------|
| 7 | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
7
|---|---|---|
| X | X | 3 |
|-----------|
| O | O | 6 |
|-----------|
| X | 8 | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
3
|---|---|---|
| X | X | O |
|-----------|
| O | O | 6 |
|-----------|
| X | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
6
```

```
| X | X | O |
|-----------|
| O | O | 6 |
|-----------|
| X | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
6
|---|---|---|
| X | X | O |
|-----------|
| O | O | X |
|-----------|
| X | 8 | 9 |
|---|---|---|
O's turn; enter a slot number to place O in:
8
|---|---|---|
| X | X | O |
|-----------|
| O | O | X |
|-----------|
| X | O | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
9
||---|---|---|
| X | X | O |
|-----------|
| O | O | X |
|-----------|
| X | O | X |
|---|---|---|
It's a draw! Thanks for playing.
Submitted by:
Nishank.A
4NI19IS057
```