

Output 1 (X wins):

```
Problems Javadoc Declaration Console
<terminated> tictactoe [Java Application] C:\Users\user\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\javaw.exe (16-Jul-2021, 2:36:14 pm - 2:36:26 pm)
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:
7
|---|---|---|
| X | 2 | 3 |
|---|---|---|
| O | 5 | 6 |
|---|---|---|
| X | 8 | 9 |
|---|---|---|
Player1 won the match
|---|---|---|
| X | X | X |
|---|---|---|
| O | O | 6 |
|---|---|---|
| 7 | 8 | 9 |
|---|---|---|
Congratulations! X's have won! Thanks for playing.
```

```
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<terminated> tictactoe [Java Application] C:\Users\user\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\javaw.exe (16-Jul-2021, 2:36:14 pm - 2:36:26 pm)
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(0 wins):

```

Problems Javadoc Declaration Console
<terminated> tictactoe [Java Application] C:\Users\user\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\javaw.exe (19-Jul-2021, 8:51:15 pm - 8:52:25 pm)
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 |
| 0 | 5 | 6 |
|---|---|---|
| 7 | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
2

```

```

Problems Javadoc Declaration Console
<terminated> tictactoe [Java Application] C:\Users\user\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\javaw.exe (19-Jul-2021, 8:51:15 pm - 8:52:25 pm)
2
X's turn; enter a slot number to place X in:
|---|---|---|
|X |X |3 |
|---|---|---|
|0 |5 |6 |
|---|---|---|
|7 |8 |9 |
|---|---|---|
0's turn; enter a slot number to place 0 in:
3
|---|---|---|
|X |X |0 |
|---|---|---|
|0 |5 |6 |
|---|---|---|
|7 |8 |9 |
|---|---|---|
X's turn; enter a slot number to place X in:
7
|---|---|---|
|X |X |0 |
|---|---|---|
|0 |5 |6 |
|---|---|---|
|X |8 |9 |
|---|---|---|
0's turn; enter a slot number to place 0 in:
5
|---|---|---|
|X |X |0 |
|---|---|---|
|0 |0 |6 |
|---|---|---|
|X |8 |9 |
|---|---|---|
X's turn; enter a slot number to place X in:

```

```
Problems Javadoc Declaration Console
<terminated> tictactoe [Java Application] C:\Users\user\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\javaw.exe (19-Jul-2021, 8:51:15 pm - 8:52:25 pm)
| x | 8 | 9 |
|---|---|---|
X's turn; enter a slot number to place X in:
8
|---|---|---|
| x | x | 0 |
|---|---|---|
| 0 | 0 | 6 |
|---|---|---|
| x | x | 9 |
|---|---|---|
0's turn; enter a slot number to place 0 in:
6
|---|---|---|
| x | x | 0 |
|---|---|---|
| 0 | 0 | 0 |
|---|---|---|
| x | x | 9 |
|---|---|---|
Player2 won the match
Symbol 0 is used to replace the slot numbers when its player2 turn
|---|---|---|
| x | x | 0 |
|---|---|---|
| 0 | 0 | 0 |
|---|---|---|
| x | x | 9 |
|---|---|---|
Congratulations! 0's have won! Thanks for playing.

Submitted by:
Nishank.A
4NI19IS057
```

Output 3(Draw):

```

Problems  @ Javadoc  Declaration  Console  x
<terminated> tictactoe [Java Application] C:\Users\user\p2\pool\plugins\org.eclipse.justi.openjdkhotspot\jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\javaw.exe (19-Jul-2021, 8:57:30 pm - 8:58:15 pm)
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

```

```

Problems Javadoc Declaration Console
<terminated> tictactoe [Java Application] C:\Users\user1\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\javaw.exe (19-Jul-2021, 8:57:30 pm - 8:58:15 pm)
X's turn; enter a slot number to place X in:
2
|---|---|---|
|X |X |3 |
|---|---|---|
|0 |5 |6 |
|---|---|---|
|7 |8 |9 |
|---|---|---|
O's turn; enter a slot number to place O in:
5
|---|---|---|
|X |X |3 |
|---|---|---|
|0 |0 |6 |
|---|---|---|
|7 |8 |9 |
|---|---|---|
X's turn; enter a slot number to place X in:
7
|---|---|---|
|X |X |3 |
|---|---|---|
|0 |0 |6 |
|---|---|---|
|X |8 |9 |
|---|---|---|
O's turn; enter a slot number to place O in:
3
|---|---|---|
|X |X |0 |
|---|---|---|
|0 |0 |6 |
|---|---|---|
|X |8 |9 |
|---|---|---|
X's turn; enter a slot number to place X in:
6

```

```
Problems Javadoc Declaration Console
<terminated> tictactoe [Java Application] C:\Users\user1\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20210201-0955\jre\bin\javaw.exe (19-Jul-2021, 8:57:30 pm - 8:58:15 pm)

| 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
```