

Winning test

```
HW9 : bash - Konsole
File Edit View Bookmarks Settings Help
jason@jason-desktop: HW9$ ./tictactoe.out
Welcome to tic-tac-toe.
This will be a friendly battle of human vs computer.

Make your move by entering a number, 1 - 9. The number
corresponds to the desired board position, as illustrated:

  7 | 8 | 9
  -----
  4 | 5 | 6
  -----
  1 | 2 | 3

Prepare yourself. The battle is about to begin.

Do you want to make the first move? (y/n): y

Please feel free to take a number.

  |  |
  -----
  |  |
  -----
  |  |

Where will you move? -> 1

  |  |
  -----
  |  |
  -----
X |  |

I will take the number: 5

  |  |
  -----
  | 0 |
  -----
X |  |

Where will you move? -> 9

  |  | X
  -----
  | 0 |
  -----
X |  |

I will take the number: 3

  |  | X
  -----
```

Winning test (continued 2)

```
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I will take the number: 5

  |  |
  ---
  | 0 |
  ---
X |  |

Where will you move? -> 9

  |  | X
  ---
  | 0 |
  ---
X |  |

I will take the number: 3

  |  | X
  ---
  | 0 |
  ---
X |  | 0

Where will you move? -> 7

X |  | X
  ---
  | 0 |
  ---
X |  | 0

I will take the number: 4

X |  | X
  ---
0 | 0 |
  ---
X |  | 0

Where will you move? -> 8

X | X | X
  ---
0 | 0 |
  ---
X |  | 0

You won!
No, no! It cannot be! Somehow you tricked me, human.
But never again! I, the computer, so swear it!
jason@jason-desktop: HW9$
```

Losing

```
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  7 | 8 | 9
  -----
  4 | 5 | 6
  -----
  1 | 2 | 3

Prepare yourself. The battle is about to begin.

Do you want to make the first move? (y/n): n

I will go first.

  | |
  -----
  | |
  -----
  | |

I will take the number: 5

  | |
  -----
  | X |
  -----
  | |

Where will you move? -> 1

  | |
  -----
  | X |
  -----
  0 | |

I will take the number: 3

  | |
  -----
  | X |
  -----
  0 | | X

Where will you move? -> 2
```

Losing (part 2)

```
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I will go first.

  |  |
  ---
  |  |
  ---
  |  |

I will take the number: 5

  |  |
  ---
  | X |
  ---
  |  |

Where will you move? -> 1

  |  |
  ---
  | X |
  ---
0 |  |

I will take the number: 3

  |  |
  ---
  | X |
  ---
0 |  | X

Where will you move? -> 2

  |  |
  ---
  | X |
  ---
0 | 0 | X

I will take the number: 7

X |  |
  ---
  | X |
  ---
0 | 0 | X

The Computer won!
As I predicted, human, I am triumphant once more -- proof
that computers are superior to humans in all regards.
jason@jason-desktop: HW9$
```

Tie

```
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Make your move by entering a number, 1 - 9. The number
corresponds to the desired board position, as illustrated:

  7 | 8 | 9
  -----
  4 | 5 | 6
  -----
  1 | 2 | 3

Prepare yourself. The battle is about to begin.

Do you want to make the first move? (y/n): y

Please feel free to take a number.

  | |
  -----
  | |
  -----
  | |

Where will you move? -> 1

  | |
  -----
  | |
  -----
X | |

I will take the number: 5

  | |
  -----
  | 0 |
  -----
X | |

Where will you move? -> 3

  | |
  -----
  | 0 |
  -----
X | | X

I will take the number: 2

  | |
  -----
```

Tie (part 2)

```
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I will take the number: 2

  | |
  ---
  | 0 |
  ---
X | 0 | X

Where will you move? -> 8

  | X |
  ---
  | 0 |
  ---
X | 0 | X

I will take the number: 7

0 | X |
  ---
  | 0 |
  ---
X | 0 | X

Where will you move? -> 4

0 | X |
  ---
X | 0 |
  ---
X | 0 | X

I will take the number: 9

0 | X | 0
  ---
X | 0 |
  ---
X | 0 | X

Where will you move? -> 6

0 | X | 0
  ---
X | 0 | X
  ---
X | 0 | X

It's a tie.
You were most lucky, human, and somehow managed to tie me.
Celebrate... for this is the best you will ever achieve.
jason@jason-desktop: HW9$
```