

```

PS D:\Swinburne-Studying\COS30002-AI_for_Games\W3> py tictactoeAI.py
Welcome to Tik-Tac-Toe
To make a move enter a number between 0 - 8 and press enter.
The number corresponds to a board position as illustrated:

  0 | 1 | 2
  ---
  3 | 4 | 5
  ---
  6 | 7 | 8

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

Choose your bot || 1 - AI || 2 - Random Bot || 3 - AI battle || else - PvP : 

```

Figure 1: AI menu option

Player can select who to play against, press 1 to play with super AI, press 2 to play with Random AI, press 3 to let 2 AI above play against each other and other input to play Human vs Human.

```

-----
  | |
Current Player: o
AI MOVEEEEEEEEEEEEE (2, 3)
  o | x |
  ---
  o | |
  ---
  | |
Current Player: x
Place your move by a number between 0 - 8: 2
  o | x | x
  ---
  o | |
  ---
  | |
Current Player: o
AI MOVEEEEEEEEEEEEE (4, 6)
  o | x | x
  ---
  o | |
  ---
  o | |
  o | x | x
  ---
  o | |
  ---
  o | |
None
Winner is AI
PS D:\Swinburne-Studying\COS30002-AI_for_Games\W3> 

```

Figure 2: Play against AI

Current Player: x
AI MOVEEEEEEEEEEE (0, 0)

x		

Current Player: o

x		

		o

Current Player: x

AI MOVEEEEEEEEEEE (2, 2)

x		x

		o

Current Player: o

x		x

		o

o		

Current Player: x

AI MOVEEEEEEEEEEE (0, 1)

x		x		x

				o

o				
x		x		x

				o

o				

None

Winner is AI

Figure 3: Super AI play against random AI

```

-----
|  |
-----
|  |
Current Player: o
Place your move by a number between 0 - 8: 5
x |  |
-----
|  | o
-----
|  |
Current Player: x
Place your move by a number between 0 - 8: 1
x | x |
-----
|  | o
-----
|  |
Current Player: o
Place your move by a number between 0 - 8: 8
x | x |
-----
|  | o
-----
|  | o
Current Player: x
Place your move by a number between 0 - 8: 2
x | x | x
-----
|  | o
-----
|  | o
x | x | x
-----
|  | o
-----
|  | o
None
Winner is Human
PS D:\Swinburne-Studying\COS30002-AI_for_Games\W3> █

```

Figure 4: Human vs Human