## AI lab test-1

```
Tic-tac-toe (Computer vs Computer)
```

```
def play-game():
     global auvent-player.
     while game-still-going.:
           handle_twin (convent-player, convent_symbol)
           check_if_game_over()
            flip-playen ()
            if winner = = X:
                Print ("Computer 1 won the game")
             else if winner = = "0"
                 Point (" Computer 2 won the game")
              else:
```

Print ("The game ended in a fie")

```
des check if game_over():
     & check_for_winner()
       check-for-tie ()
def check_for_winner():
      global winner
       row_winner = check_row()
       column_winner= check_columns()
       diagonal-winner = check-diagonals()
            row-winner:
             winner = row_winner
        eli f
            Column-winner:
             winner = column_winner
        elif diagonal-winner:
               winner = diagonal _winner
         else
            winner = None.
```

des flip-player():

global auvent-player

global auvent-winner

else:

def win\_is\_present():

for i in range 9:

if board (i) == '-'

board (i] = convent-symbol

check\_if-game\_over()

board [i] = '\_ /

if not game\_still-going:

def stop-win():

flip-player()

global game-still-going

Blown

for i in range (9):

if baard[i] == '-':

board (i ] = auvant\_symbol

w = check-if-game-over() board[i]='-'

if not game\_still-going:

flip-player()

w = check-if-game-over()

game\_still-going = True return 1

flip-player()

w= check-if-game-over()

play-game()