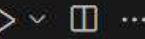


Snake,WaterandGunGame.py X



Python Projects > Snake,WaterandGunGame.py > ...

```
1  ''' Snake, Water and Gun Game (Pyhton)
2  |   Chaitanya Mangla '''
3
4  ''' Rules of the game:
5  |   1. Sanke drinks water (snake > water)
6  |   2. Gun kills snake (gun > snake)
7  |   3. Gun drowns in water (water > gun)
8  |   '''
9  '''1 for snake
10 |  -1 for water
11 |   0 for gun
12 |   '''
13 import random # Import random library to allow computer operating system for making choices
14
15 computer = random.choice([-1,0,1])
16 youstr = input ("Enter your choice ")
17 youDict = {"s": 1, "w" : -1, "g" : 0}
18 reverseDict = {1: "Snake", -1: "Water" , 0: "Gun"}
19 you = youDict[youstr]
20
21 # Here, we have 2 number variables, you and computer
22
23 print(f"You chose {reverseDict[you]}\nComputer chose {reverseDict[computer]}")
24
```



```
22  
23 print(f"You chose {reverseDict[you]}\nComputer chose {reverseDict[computer]}")  
24
```

```
25 if (computer == you):  
26     print("Its a draw")  
27
```

```
28 else: # This is a perfect example of nested if else statement
```

```
29     if(computer == -1 and you == 1):  
30         print("You Win\nCongratulations!!")  
31
```

```
32     elif(computer == -1 and you == 0):  
33         print("You Lose\nBetter Luck next time!!")  
34
```

```
35     elif(computer == 1 and you == 0):  
36         print("You Win\nCongratulations!!")  
37
```

```
38     elif(computer == 1 and you == -1):  
39         print("You Lose\nBetter Luck next time!!")  
40
```

```
41     elif(computer == 0 and you == -1):  
42         print("You Win\nCongratulations!!")  
43
```

```
44     elif(computer == 0 and you == 1):  
45         print("You Lose\nBetter Luck next time!!")  
46
```

```
47     else:  
48         print("Something went wrong")  
49  
50
```

```
PS D:\Coding\Python Practice> python -u "d:\Coding\Python Projects\Snake,WaterandGunGame.py"
Enter your choice s
You chose Snake
Computer chose Gun
You Lose
PS D:\Coding\Python Practice> python -u "d:\Coding\Python Projects\Snake,WaterandGunGame.py"
Enter your choice g
You chose Gun
Computer chose Gun
Its a draw
Enter your choice w
You chose Water
Computer chose Gun
You Win
Congratulations!!
Enter your choice s
You chose Snake
Computer chose Gun
You Lose
Better Luck next time!!
Enter your choice w
You chose Water
Computer chose Gun
You Win
Congratulations!!
PS D:\Coding\Python Practice> python -u "d:\Coding\Python Projects\Snake,WaterandGunGame.py"
Enter your choice g
You chose Gun
Computer chose Water
You Lose
Better Luck next time!!
PS D:\Coding\Python Practice> python -u "d:\Coding\Python Projects\Snake,WaterandGunGame.py"
Enter your choice s
You chose Snake
Computer chose Snake
Its a draw
```