

## Exercise 5 Solution Snake Water Gun in python

### Question

Snake water and Gun is a variation of the children's game "rock paper scissor" where players use hand gesture to represent a snake, water or a gun. The gun beats the water. Write a Python program to create a snake water gun game in python using if else statements. Do not create any fancy GUI. Use proper functions to checks for win.

### Source Code

```
import random
# print(random.randint(0,2))

def check(computer,user):
    if computer==user:
        return 0

    if(computer==0 and user==1):
        return -1
    if(computer==1 and user==2):
        return -1
    if(computer==2 and user==0):
        return -1
    return 1

computer=random.randint(0,2)
user=input(("0 for Snake, 1 for water and 2 for Gun: \n"))

score=check(computer,user)
print("You:",user)
print("Computer:",computer)
if(score==0):
    print("Its a draw")
elif(score==-1):
    print("You lose")
else:
    print("You Win")
```

Thank You