## NATIONAL UNIVERSITY OF MODRN LANGUAGE



## **Artificial Intelligence**

**Lab Exam** 

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**Submitted To:** 

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**Section:** 

BSSE -VIII A

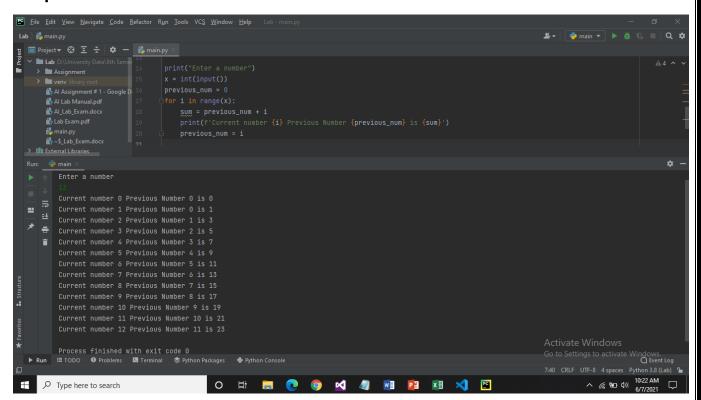
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Q 1. Input a range of numbers. Iterate from 0th number to the end number and print the sum of the current number and previous number.

#### Code:

```
print("Enter a number")
x = int(input())
previous_num = 0
for i in range(x):
    sum = previous_num + i
    print(f'Current number {i} Previous Number {previous_num} is {sum}')
    previous_num = i
```

### **Output:**



# Q 2. Given a string of odd length greater than 7, return a string made of the middle three characters of the given String

#### Code:

```
def getMiddleThreeChars(sampleStr):
    middleIndex = int(len(sampleStr) / 2)
    print("Original String is", sampleStr)
    middleThree = sampleStr[middleIndex - 1:middleIndex + 2]
    print("Middle three chars are", middleThree)

print("Enter a name")
a = str(input())
getMiddleThreeChars(a)
```

#### **Output:**

