Assignment - 11 Full Stack Web Development using Python MySirG

loops

1. Write a python script to calculate sum of first N natural numbers

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Assignment-11-Loops.py-C/Users/Rhera/AppData/Local/Programs/Python/Python.— 

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#python script to calculate sum of first N natural numbers
n = int(input("Enter the Number: "))

sum = 0

for i in range (0,n+1):
    sum = sum+i;

print(sum)

File Edit Shell Debug Options Window Help

Fython 3.10.1 (tags/v3.10.12ed268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

RESTART: C:/Users/khera/AppData/Local/Programs/Python/Python310/Assign ment - 11 - Loops.py

Enter the Number: 10

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**RESTART: C:/Users/khera/AppData/Local/Programs/Python/Python310/Assign ment - 11 - Loops.py

Enter the Number: 8

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**SIGNATION OF THE Shell 3.10.1

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Fython 3.10.1 (tags/v3.10.11:2ed268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32

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Type "help", "copyright", "credits" or "license()" for more information.

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2. Write a python script to calculate sum of squares of first N natural numbers

3. Write a python script to calculate sum of cubes of first N natural numbers

4. Write a python script to calculate sum of first N odd natural numbers

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*\frac{\text{fapth first N odd natural numbers}}{\text{sum} = \text{in range}(0, n+1):} \\

*\frac{\text{fi i k 2 != 0:}}{\text{fi i k 2 != 0:}} \\

*\text{print (sum)}

*\text{Print (sum)}

*\text{Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 a 64 bit (AMD64)] on win32} \\

*\text{Type "help", "copyright", "credits" or "license()" for more information.} \\

*\text{Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 a 64 bit (AMD64)] on win32} \\

*\text{Type "help", "copyright", "credits" or "license()" for more information.} \\

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5. Write a python script to calculate sum of first N even natural numbers

6. Write a python script to calculate factorial of a given number

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#a python script to calculate factorial of a given number
n = int(input("Entex the Number: "))
sum = 1
for i in range (n,1,-1):
sum = sum"i

print(sum)

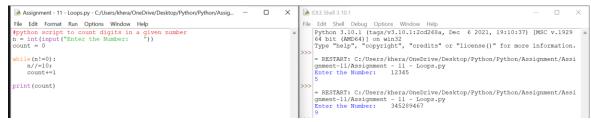
**RESTART: C:/Users/khera/OneDrive/Desktop/Python/Python/Assignment/Assignment-11/Assignment - 11 - Loops.py
Enter the Number: 3

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Enter the Number: 3

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Enter the Number: 3

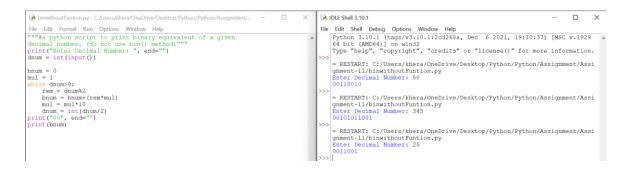
**RESTART: C:/Users/khera/OneDrive/Desktop/Python/Python/Assignment/Assignment-11/Assignment - 11 - Loops.py
Enter the Number: 3
```

7. Write a python script to count digits in a given number



8. Write a python script to calculate sum of digits of a given number

9. Write a python script to print binary equivalent of a given decimal number. (do not use bin() method)



10. Write a python script to print the octal equivalent of a given decimal number. (do not use oct() method)

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