4/24/2021

Untitled6.ipynb - Colaboratory

```
#Assignment 3 / 23.04.2021 / 191109007


#to accept the nos continuously as lon as the no is +ve and print its sum
sum=0
while True:
  n=int(input('Enter any number of your choice: '))
  sum += n
  if n<0:
      break
print("Sum of all the above entered positive values: ",sum)

    Enter any number of your choice: 2
    Enter any number of your choice: 3
    Enter any number of your choice: 2
    Enter any number of your choice: 5
    Enter any number of your choice: -7
    Sum of all the above entered positive values:  5


#to display 16th multiplication table using looping
n=16
till=int(input('Enter the number till which you want to view multiples of 16: '))
for i in range (1,till):
  print(i,"*",n,"=",n*i)

    Enter the number till which you want to view multiples of 16: 15
    1 * 16 = 16
    2 * 16 = 32
    3 * 16 = 48
    4 * 16 = 64
    5 * 16 = 80
    6 * 16 = 96
    7 * 16 = 112
    8 * 16 = 128
    9 * 16 = 144
    10 * 16 = 160
    11 * 16 = 176
    12 * 16 = 192
    13 * 16 = 208
    14 * 16 = 224


#to count no of even and odd nos in the series
even=0
odd=0
num=[1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25]
for a in num:
  if (a%2==0):
   even += 1
  else:
     odd += 1
print('Total number of even values in the given series',even)
print('Total number of odd values in the given series: ',odd)

    Total number of even values in the given series 12
    Total number of odd values in the given series:  13
```

https://colab.research.google.com/drive/1O03i7Qi0yA3nfGpMXKf6VvsseBSFyx16#scrollTo=Vst5Lt2fGotz&printMode=true

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```python
#to accept a string and calculate no of digits and letters
digits=0
letters=0
a=input('Enter a string: ')
for b in a:
  if b.isdigit():
    digits += 1
  elif b.isalpha():
    letters += 1
print('Total number of digits in the given string: ',digits)
print('Total number of letters in the given string: ',letters)
```

```
Enter a string: khad37928sdhkad7a9d6f9
Total number of digits in the given string:  9
Total number of letters in the given string:  13
```

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