Python Task

* write an algorithm to take from user 4 numbers and print the sum and average then write a code using python

1.define 4 variables num1, num2, num3, num4 with function “input()”

2.Ask from user to input num1, num2, num3 and num4

3. define variable sum and average

4.calculate the sum of 4 numbers by adding num1, num2, num3 and num4

Together and store them in sum

4. calculate the average of these numbers by dividing sum over 4 (sum/4) and store it in the average

5. print sum and average with function print()

Code:

num1=eval(input('enter 1st number\n'))

num2=eval(input('enter 2nd number\n'))

num3=int(input('enter 3rd number\n'))

num4=int(input('enter 4th number\n'))

sum=num1+num2+num3+num4

average=sum/4

print(sum,'\n', average)

write an algorithm to take from user num1 and num2then print num1 mod num2 then write a code using python

1.define 2 variables num1 and num2 with function “input()”

2.Ask from user to input 1st number and 2nd

3.calculate the reminder of two numbers by using modules operator

4.print the product of this operation with function “print()”

Code:

num1=eval(input('enter 1st number\n'))

num2=eval(input('enter 2st number\n'))

print(num1%num2)

* Write a python program that takes a string as input from the user and prints its reverse.

1.Define a variable “name” with function”input()”

2. Ask from user to input the string

3. define a variable string called reverse\_string

4. store the value from string which flows from the end by making parameter’s step = - 1

5.print the string which called reverse\_string with function”print()”

Code:

name=input('enter the string\n')

reverse\_string=name[::-1]

print(reverse\_string)

or make it east

name=input('enter the string\n')

print(name[::-1])

Write a python program to take number from user and if this number is odd print “yes” else print “no”

num=int(input('enter the number\n'))

if num%2==0:

    print("Yes")

else:

    print("No")

* Tell me the difference between eval and float

ans/

eval: Specifies the data type of the Automatic

float: for decima numbers range 7 numbers after point

* Tell me what is the immutable data types ?

immutable data type cannot be changed after it is created

Int, float, bool, tuples

Write a python program to take string from user if this string is palindrome print “yes” else print “no”

name=input('enter the string\n')

reverse\_string=name[::-1]

if name==reverse\_string:

    print('Yes')

else:

    print("No")

Done