

Assignment - 4

User Input Problem

1. Write a python script to take your name as input from the user and then print it.

⇒
`s = input("Enter your name:")
print("Your name is", s)`

2. Write a python script to take ^{two numbers} ~~input~~ from the user, then ~~to~~ calculate their sum and display the result.

⇒
`a = int(input("Enter first number:"))
b = int(input("Enter second number:"))
c = a + b
print("The result is", c)`

2. Write a python script to take input from the user. Input must be a number

⇒
`a = int(input("Enter a number"))`

3. Write a python script which take a radius from the user and display the area of a circle.

⇒
`r = float(input("Enter the radius of circle:"))`

`area = 22/7 * r * r`

`print("The area of the circle is:", area)`

5. Write a python script to calculate the square of a number. Number is entered by the user.

⇒
`num = int(input("Enter the number:"))
print("The square of the number is", num * num)`

6. Write a python script to calculate the area of triangle. Number is ~~enterd~~ entered by the user.

=> print('Enter the length of three arms:')

~~a,b,c~~

a, b, c = float(input()), float(input()), float(input())

s = (a+b+c)/2

area = (s*(s-a)*(s-b)*(s-c))**0.5

print("The area of the triangle is:", area)

7. Write a python script to calculate average of three numbers, entered by the user.

=> print('Enter the numbers:')

a = float(input())

b = float(input())

c = float(input())

avg = (a+b+c)/3

print("The average of three numbers

8. Write a python script to calculate ~~python script~~ simple interest

=> P = float(input('Enter the principal:'))
r = float(input('Rate of interest in % per annum:'))
t = float(input('Enter the time in years:'))
si = (P*r*t)/100
print("The simple interest is", si)