

In []: ▶ Name: Jenit Harnesha
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In [1]: ▶ `print("Hello world")`

Hello world

In [2]: ▶ `#sum of two integer
x=int(input("Enter the value of X: "))
y=int(input("Enter the value of Y:"))
sum = x+y
print("Sum of x & y is :",sum)`

Enter the value of X: 4
Enter the value of Y:7
Sum of x & y is : 11

In [3]: ▶ `#print maximum of two
a=int(input("Enter value of a:"))
b=int(input("Enter value of b:"))
if (a>b):
 print("A is maximum")
else :
 print("B is maximum")`

Enter value of a:5
Enter value of b:9
B is maximum

In [4]: ▶ `#Write a program to print the given number is odd or even.
num = int(input("Enter a number: "))
if (num % 2) == 0:
 print(num,"%d is Even")
else:
 print(num,"is odd")`

Enter a number: 7
7 is odd

In [5]: ▶ `#Write a program to find the given number is positive or negative.
num = float(input("Enter a number: "))
if num > 0:
 print("Positive number")
elif num == 0:
 print("Zero")
else:
 print("Negative number")`

Enter a number: 6
Positive number

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In [6]: ▶ #Write a program to find a factorial of a number.
num = int(input("Enter a number: "))
factorial=1
if num < 0:
    print("Sorry, factorial does not exist for negative numbers")
elif num == 0:
    print("The factorial of 0 is 1")
else:
    for i in range(1,num + 1):
        factorial = factorial*i
    print("The factorial of",num,"is",factorial)
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Enter a number: 7
The factorial of 7 is 5040
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In [7]: ▶ #area of square, circle, rectangle
l=float(input("Enter Length of the object:"))
b=float(input("Enter breath of the object:"))
r=float(input("Enter radius of the object"))
if (l==b):
    square=l*b
else:
    print("It is not a square")
    square=0

rectangle=l*b
circle=3.14*r*r
print("Area of the rectangle is: ",rectangle)
print("Area of the circle is: ",circle)
print("Area of square is: ",square)
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Enter Length of the object:5
Enter breath of the object:6
Enter radius of the object3.2
It is not a square
Area of the rectangle is:  30.0
Area of the circle is:  32.153600000000004
Area of square is:  0
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In [ ]: ▶
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