1. Write a Python program to print "Hello Python"?

Ans. Print(“Hello Python”)

1. Write a Python program to do arithmetical operations addition and division.?

try:

a = int(input("Enter first value:"))

b = int(input("Enter second value:"))

c = a + b

print("The addition is", c)

d = a / b

print("The division of a / b is", d)

except:

print(f"The value of b entered by you is {b} can not perform division operation.")

1. Write a Python program to find the area of a triangle?

try:

x = int(input("Enter length of height of a triangle in cm: "))

y = int(input("Enter length of base of the triangle in cm: "))

if x <= 0 or y <= 0:

raise Exception()

area = (x\*y)/2

print("The area of the triangle is", area, "sqr.cm")

except:

print("Enter non zero value.")

1. Write a Python program to swap two variables?

val1 = int(input("Enter first value: "))

val2 = int(input("Enter second value: "))

if val1 == val2:

print("The values are same.")

else:

val1, val2 = val2, val1

print(f"val1 = {val1} and val2 = {val2}.")

1. Write a Python program to generate a random number?

import random

print(random.random())