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

Answer: print("Hello Python")

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

Answer:

try:

a=float(input("Enter the number1: "))

b=float(input("Enter the number2: "))

while True :

if b!=0:

d=a/b

print(f"The division of {a} and {b} is: {d}")

break

else:

print("The value of 'b' should be greater than 0 ")

break

c=a+b

print(f"The addition of {a} and {b} is: {c}")

except Exception as e:

print(e)

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

Answer:

try:

b=float(input("Enter the value of base of triangle: "))

h=float(input("Enter the value of height of triangle: "))

a=(0.5\*b\*h)

print(f"The area of triangle is: {a}")

except Exception as e:

print(e)

1. Write a Python program to swap two variables?

Answer:

a=float(input("Enter the value of base of triangle: "))

b=float(input("Enter the value of height of triangle: "))

print(f"value of a is {a} and b is {b} before swap")

a, b = b, a

print(f"value of a is {a} and b is {b} after swap")

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

Answer:

import random

a=random.randint(0,1000)

print(a)