Q1. Write a Python program to print "Hello Python" ?

Sol.

print("Hello Python")

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Q2. Write a Python program to do arithmetical operations addition and division.?

Sol.

n = int(input("Enter first number: "))

m = int (input("Enter Second number: "))

opr = input("Enter the operation (between + and / ): ")

if opr == '+':

    sum = n+m

    print (sum)

elif opr == '/':

    div = n/m

    print(div)

Q3. Write a Python program to find the area of a triangle?

Sol.

Pi = 3.14

r = int(input(“Enter the radius: “)

Area = Pi \* r\*r

Print(Area)

Q4. Write a Python program to swap two variables?

Sol. **A)** Using third Variable:

x = 10

y = 50

# Swapping of two variables

# Using third variable

temp = x

x = y

y = temp

print("Value of x:", x)

print("Value of y:", y)

**B)** Using Comma operator:

x = 10

y = 50

# Swapping of two variables

# without using third variable

x, y = y, x

print("Value of x:", x)

print("Value of y:", y)

* **C)** Using addition and subtraction operator :

x = 10

y = 50

# Swapping of two variables

# using arithmetic operations

x = x + y

y = x - y

x = x - y

print("Value of x:", x)

print("Value of y:", y)

Q5. Write a Python program to generate a random number?

Sol.

import random

num = random.random()

print(num)