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

Ans1.

def print1(a):

inp=input()

return inp

print('Hello Python')

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

Ans2.

import logging as lg

lg.basicConfig(level = lg.INFO)

class operations:

def \_\_init\_\_(self,a,b):

self.a=a

self.b=b

def addition(self):

try:

lg.info("Additon")

return self.a+self.b

except Exception as e:

print('error occured-',e)

def division(self):

try:

lg.info("division")

return (self.a)/(self.b)

except Exception as e:

print('error occured-',e)

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

Ans3.

import logging as lg

lg.basicConfig(level = lg.INFO)

def AOT():

try:

lg.info('Area of triangle')

a = float(input('Enter the length of first side: '))

b = float(input('Enter the length of second side: '))

c = float(input('Enter the length of third side: '))

s = (a + b + c) / 2

Area = (s\*(s-a)\*(s-b)\*(s-c)) \*\* 0.5

return ('The area of the triangle is %0.2f' %Area)

except Exception as e:

print('Error occured:',e)

1. Write a Python program to swap two variables?

Ans4.

import logging as lg

lg.basicConfig(level = lg.INFO)

def swap():

try:

lg.info('Swapping of variables')

a=int(input('a'))

b=int(input('b'))

c=a

a=b

b=c

return ('value of a is %s and value of b is %s' %(a,b))

except Exception as e:

print('Error occured:', e)

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

Ans5.

import logging as lg

lg.basicConfig(level = lg.INFO)

def random\_num\_gen():

try:

lg.info('Generating Random Number')

import random

a=int(input('Lower range is : '))

b=int(input('Upper range is : '))

return random.randint(0,9)

except Exception as e:

print('Error occured:', e)