PYTHON – ASSIGNMENT 2

**Ques. 1. What should be the output? ( 3 + 4 \*\* 6 - 9 \* 10 / 2 )**

Ans. 1054

( 3+ 1096 – 9\*10/2)

( 3+ 1096 – 9\*5)

( 3+ 1096 – 45)

(1099 – 45)

1054

**Ques. 2. Let say I have, some string "hello this side regex" find out the count of the total vowels - ['a','e','i','o','u']**

Ans. 7

str = "hello this side regex"

s = str.lower()

vowels=0

for i in s:

if(i=='a' or i=='e' or i=='o' or i=='i' or i=='u'):

vowels=vowels+1

print (vowels)

**Ques. 3. Find out the area of triangle**

**- 1/2 \* b \* h (formula of area)**

**- You have to take value from user about the base, & the height**

Ans.

print("Enter the base of the triangle: ")

base = int(input())

print("Enter the height of the triangle: ")

height = int(input())

area = 0.5\*base\*height

print("Area: ")

print (area)

**Ques. 4. Print the calendar on the terminal. If you give the year.**

**- Allow the user to input the year.**

**- Then should that calendar of that year**

Ans.

import calendar

print("Enter year: ")

y = int(input())

print(calendar.calendar(y))