1. Write a Python program to convert kilometers to miles?

Ans : kmInput = float (input ("Enter kilometer : "))

KmToMiles = 0.621371

milesCalc = kmInput \* KmToMiles

print (milesCalc)

o/p

Enter kilometer : 10

6.21371

2. Write a Python program to convert Celsius to Fahrenheit?

Ans :

celsius = 45.25

fahrenheit = (celsius \* 1.8) + 32

print('%0.2f degree Celsius is equal to %0.2f degree Fahrenheit' %(celsius,fahrenheit))

o/p : 45.25 degree Celsius is equal to 113.45 degree Fahrenheit

3. Write a Python program to display calendar?

Ans:

import calendar

yy=2021

print(calendar.calendar(yy))

4. Write a Python program to solve quadratic equation?

Ans:

import cmath

a = 4

b = 6

c = 3

d = (b\*\*2) - (4\*a\*c)

sol1 = (-b-cmath.sqrt(d))/(2\*a)

sol2 = (-b+cmath.sqrt(d))/(2\*a)

print('The solution are {0} and {1}'.format(sol1,sol2))

o/p - The solution are (-0.75-0.4330127018922193j) and (-0.75+0.4330127018922193j)

5. Write a Python program to swap two variables without temp variable?

Ans:

X=35

Y=40

X=X+Y

Y=X-Y

X=X-Y

print("X:{0} and Y:{1}".format(X,Y))

o/p: X:40 and Y:35