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

Ans :

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

Ans : celsius = 37.5

fahrenheit = (celsius \* 1.8) + 32

print('%0.1f degree Celsius is equal to %0.1f degree Fahrenheit' %(celsius,fahrenheit))

1. Write a Python program to display calendar?

Ans : kilometers = float(input("Enter value in kilometers: "))

conv\_fac = 0.621371

miles = kilometers \* conv\_fac

print('%0.2f kilometers is equal to %0.2f miles' %(kilometers,miles))

1. Write a Python program to solve quadratic equation?

Ans : import cmath

a = 1

b = 5

c = 6

# calculate the discriminant

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

# find two solutions

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

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

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

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

Ans : **X :** 10

**Y :** 20

After swapping X and Y, we get :

**X :** 20

**Y :** 10