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

Ans :

km = float(input(" Enter the no of Kilometers to convert into miles "))

m = km \* 0.62137

print(km ," kilometers equals to " , m ," miles ")

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

Ans :

c = float(input(" Enter the Celsius to convert into Fahrenheit "))

f = (c \* 9/5) + 32

print(c ,"degrees Celsius equals to " , f ," Fahrenheit ")

1. Write a Python program to display calendar?

Ans :

import calendar

yy = int (input("Enter Year of calender you wish to print : "))

mm = int (input("Enter month of calender you wish to print : "))

print ("\n" , calendar.month(yy , mm))

1. Write a Python program to solve quadratic equation?

Ans :

import cmath

a = 1

b = 10

c = 24

# discrimination

disc = b \* b - 4 \* a \* c

sqrt\_disc = cmath.sqrt(abs(disc))

sol1 = -b + sqrt\_disc / (2 \* a)

sol2 = -b - sqrt\_disc / (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 :

a = 4

b = 6

print ("Before swapping " , a , b)

a , b = b , a

print ("After swapping " , a , b)