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

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

# conversion factor

conv\_fac = 0.621371

# calculate miles

miles = kilometers \* conv\_fac

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

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

celsius = float(input("enter temperature in celcius:"))

fahr = (celsius\*9/5)+32

print("Temperature in Fahrenheit is:", fahr)

1. Write a Python program to display calendar?

# Program to display calendar of the given month and year

# importing calendar module

import calendar

yy = 2014 # year

mm = 11 # month

# To take month and year input from the user

# yy = int(input("Enter year: "))

# mm = int(input("Enter month: "))

# display the calendar

print(calendar.month(yy, mm))

1. Write a Python program to solve quadratic equation?

import math

print('I will solve the equation ax^2+bx+c=o')

a = int(input('a= '))

b = int(input('b= '))

c = int(input('c= '))

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

if d < 0:

print('The equation has no real solution')

elif d == 0:

x = (-b)/(2\*a)

print('This equation has one solution: ',x)

else:

x1 = (-b+math.sqrt(d))/(2\*a)

x2 = (-b-math.sqrt(d))/(2\*a)

print('This equation has two solutions: ',x1, 'or', x2)

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

x = 5

y = 7

print ("Before swapping: ")

print("Value of x : ", x, " and y : ", y)

# code to swap 'x' and 'y'

x, y = y, x

print ("After swapping: ")

print("Value of x : ", x, " and y : ", y)