# Taking kilometers input from the user

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))

# Python Program to convert temperature in celsius to fahrenheit

# change this value for a different result

celsius = float(input("enter the temperature in celius\n"))

# calculate fahrenheit

fahrenheit = (celsius \* 1.8) + 32

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

#Write a Python program to display calendar?

# Program to display calendar of the given month and year

# importing calendar module

import calendar

yy = 2022 # year

mm = 12 # 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))

#Quardratic euation solve

import cmath

a = float(input("enter the coefficient of x^2\n"))

b = float(input("enter the coefficient of x\n"))

c = float(input("enter the constant term\n"))

x1 = (-b + cmath.sqrt(b\*b -4\*a\*c))/2\*a

x2 = (-b - cmath.sqrt(b\*b -4\*a\*c))/2\*a

# Python code to swap two numbers

# without using another 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)

print("your quardratic equation is given by\n")

print("the solution of the quartdrtic equation is given by\n",x1,x2)