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

kilometers = float(input(" enter the value in kilometers: "))

conversionfactor = 0.62

miles = kilometers \* conversionfactor

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 the temp in celsius: "))

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

print("%0.2f celsius is equal to %0.2f fahrenheit"%(celsius,fahrenheit))

1. Write a Python program to display calendar?

import calendar

y = int(input("Enter year: "))

m = int(input("Enter month: "))

print(calendar.month(y, m))

1. Write a Python program to solve quadratic equation?

# Solve the quadratic equation ax\*\*2 + bx + c = 0

# import complex math module

import cmath

a = int(input('enter the value of a :'))

b = int(input('enter the value of b :'))

c = int(input('enter the value of c :'))

# 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 { } and { }'.format(sol1,sol2))

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

a = input('enter the value of a')

b = input('enter the value of b')

a,b = b,a

print('a = ',a)

print('b = ',b)