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

kilometer  = float(input('Enter kilometer data '))

kilometer\_to\_miles\_conversion\_factor = 0.621371

miles =  kilometer\_to\_miles\_conversion\_factor \* kilometer

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

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

celsius = 37.5

# calculate fahrenheit

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?

import calendar

print(calendar.month(22,6))

1. Write a Python program to solve quadratic equation?

import cmath

a = 1

b = 2

c = 3

# calculating  the discriminant

dis = (b\*\*2) - (4 \* a\*c)

# find two results

ans1 = (-b-cmath.sqrt(dis))/(2 \* a)

ans2 = (-b + cmath.sqrt(dis))/(2 \* a)

# printing the results

print('The roots are')

print(ans1)

print(ans2)

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

a = -10, b=20

swap operation

a = a + b

b = a - b

a = a - b