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

ANS:

kilometers = float(input("Enter the Kilometers = "))

miles = kilometers \* 0.621371

print("%.2f Kilometers equals %.4f Miles" %(kilometers, miles))

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

ANS:

celsius = float(input("Enter temperature in Celsius: "))

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

print("Temperature in Fahrenheit:", fahrenheit)

1. Write a Python program to display calendar?

ANS:

import calendar

print("Enter Year: ")

yy = input()

print("\nEnter Month Number (1-12): ")

mm = input()

y = int(yy)

m = int(mm)

print("\n", calendar.month(y, m))

1. Write a Python program to solve quadratic equation?

ANS:

import cmath

a = 1

b = 5

c = 6

# Discriminent

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

root1 = (-b - cmath.sqrt(d)) / (2 \* a)

root2 = (-b + cmath.sqrt(d)) / (2 \* a)

print(root1)

print(root2)

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

ANS:

# 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)