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

km=float(input("enter distance in kilometers: "))

miles=km\*0.621371

print(f’ distance in miles: {miles}’)

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

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

fahrenheit=(celsius\*(1.8)+32)

print(f'temperature in fahrenheight: {fahrenheit}')

1. Write a Python program to display calendar

import calendar

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

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

print(calendar.month(yy, mm))

1. Write a Python program to solve quadratic equation?

import math

a = float(input("a: "))

b = float(input("b: "))

c = float(input("c: "))

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

if r > 0:

num\_roots = 2

x1 = (((-b) + sqrt(r))/(2\*a))

x2 = (((-b) - sqrt(r))/(2\*a))

print("There are 2 roots: %f and %f" % (x1, x2))

elif r == 0:

num\_roots = 1

x = (-b) / 2\*a

print("There is one root: ", x)

else:

num\_roots = 0

print("No roots, discriminant < 0.")

exit()

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

x = 5

y = 7

x, y = y, x

print("x : ", x, " y : ", y)