Python Assignment-2

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

#Taking user input

km = float(input ())

#Conversion factor

cf = 0.621371

#Calculate miles

miles = km \* cf

# Display the result

print(f"{km} kilometers is equal to {miles} miles")

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

A.

celsius = int (input ())

fahrenheit = (1.8 \* celsius) + 32

print ("Temperature in Fahrenheit:", fahrenheit)

1. Write a Python program to display calendar?

A.

import calendar

y = int (input ("Enter the Year:"))

m = int (input ("Enter the Month of Number:"))

**print**(calendar.month(y,m))

### Write a Python program to solve quadratic equation?

### A.

import cmath

# input

a = int (input ("Enter the value of a: "))

b = int (input ("Enter the value of b: "))

c = int (input ("Enter the value of c: "))

# Calculating discriminant

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

# finding roots root1 = (-b-cmath.sqrt(d)) / (2 a)

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

print ("The Roots are {0} and {1}”. format(root1, root2))

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

A.

a=int (input ("Enter value of first variable: "))

b=int (input ("Enter value of second variable: "))

a=a+b

b=a-b

a=a-b

**print** ("a is:",a," b is:",b)