1. Write a Python program to convert kilometers to miles

A)

kilometer=5

print("kilometer in miles :",kilometer\*0.621371)

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

A)

celsius=30

print("celsius in fahrenheit: ",celsius\*(9/5)+32)

3. Write a Python program to display calendar

A)

import calendar

year = 2021

month = 12

print(calendar.month(year, month))

print(calendar.calendar(year))

4. Write a Python program to solve quadratic equation?

A)

import math

print("ax^2 + bx^1 + c = 0")

print("Enter the coeff a, b and constant c")

a = int(input(("Enter the coeff a: ")))

b = int(input(("Enter the coeff b: ")))

c = int(input(("Enter the constant c: ")))

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

root1 = ((-1\*b)+(math.sqrt(d))) / (2\*a)

root2 = ((-1\*b)-(math.sqrt(d))) / (2\*a)

print('\nFor quad eq. {}x^2 + ({})x^1 + {}'.format(a,b,c))

print('The solutions are: {} and {}'.format(root1, root2))

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

A)

a=10

b=20

print("before swap: a =",a," b =",b)

a=a+b

b=a-b

a=a-b

print("-------------------------")

print("after swap: a =",a," b =",b)