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

**ANS:**

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

con = 0.621371

mil = km \* con

print("Distance in miles:", mil)

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

**ANS:**

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

fhr = (cel \* 9/5) + 32

print("Temperature in Fahrenheit:", fhr)

1. **Write a Python program to display calendar?**

**ANS:**

import calendar

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

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

print(calendar.month(year, month))

1. **Write a Python program to solve quadratic equation?**

**ANS:**

import cmath

a = float(input("Enter coefficient a in ax\u00b2 + bx + c: "))

b = float(input("Enter coefficient b in ax\u00b2 + bx + c: "))

c = float(input("Enter coefficient c in ax\u00b2 + bx + c: "))

sq = cmath.sqrt((b\*\*2) - (4\*a\*c))

root1,root2 = (-b + sq)/(2\*a),(-b - sq)/(2\*a)

print("The roots of the quadratic equation are ",root1," and ",root2)

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

**ANS:**

x = 5

y = 10

x, y = y, x

print("After swapping:")

print("x =", x)

print("y =", y)