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

**Answer-**

mile=0.621371

a=int(input("Provide the KM value"))

c=a\*mile

print(f"The mile value of {a} KM is {c} miles")

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

**Answer-**

# f=c\*1.8+32

c=int(input("Provide the C value"))

f=c\*1.8+32

print(f"The Fahrenheit value of {c} Celsius is {f} Fahrenheit")

1. Write a Python program to display calendar?

**Answer-**

import calendar

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

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

if year>0 and month>0 and month <13:

print(calendar.month(year,month))

else:

print("provide valid input")

1. Write a Python program to solve quadratic equation?

**Answer-**

import math # for complex root change math package with cmath

a = 1

b = 10

c = -24

# calculating the discriminant

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

# find two results

ans1 = (-b-math.sqrt(dis))/(2 \* a)

ans2 = (-b + math.sqrt(dis))/(2 \* a)

print('The roots are')

print(ans1)

print(ans2)

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

**Answer-**

# without thierd variable

a=10

b=2

a=a+b

b=a-b

a=a-b

print(f"Swaped values are a : {a} and b : {b}")