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

def km\_to\_miles(kilometers):

miles = kilometers \* 0.621371

return miles

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

def celsius\_to\_fahrenheit(celsius):

fahrenheit = (celsius \* 9/5) + 32

return fahrenheit

1. Write a Python program to display calendar?

import calendar

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

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

cal = calendar.month(year, month)

print(cal)

1. Write a Python program to solve quadratic equation?

import cmath

def solve\_quadratic(a, b, c):

# Calculate the discriminant

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

# Find two solutions using the quadratic formula

sol1 = (-b + cmath.sqrt(d)) / (2\*a)

sol2 = (-b - cmath.sqrt(d)) / (2\*a)

return sol1, sol2

a = float(input("Enter the coefficient of x^2: "))

b = float(input("Enter the coefficient of x: "))

c = float(input("Enter the constant term: "))

solution1, solution2 = solve\_quadratic(a, b, c)

print("Solutions:", solution1, solution2)

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

def swap\_variables(a, b):

a, b = b, a

return a, b

num1 = float(input("Enter the first number: "))

num2 = float(input("Enter the second number: "))

num1, num2 = swap\_variables(num1, num2)

print("After swapping:")

print("First number:", num1)

print("Second number:", num2)