Here are the Python programs for your requests:

**1. Convert kilometers to miles**

# Function to convert kilometers to miles

def kilometers\_to\_miles(km):

miles = km \* 0.621371

return miles

# Input from user

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

print(f"{km} kilometers is equal to {kilometers\_to\_miles(km)} miles.")

**2. Convert Celsius to Fahrenheit**

# Function to convert Celsius to Fahrenheit

def celsius\_to\_fahrenheit(celsius):

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

return fahrenheit

# Input from user

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

print(f"{celsius} Celsius is equal to {celsius\_to\_fahrenheit(celsius)} Fahrenheit.")

**3. Display calendar**

import calendar

# Input year and month

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

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

# Display the calendar

print(calendar.month(year, month))

**4. Solve quadratic equation**

import cmath

# Function to solve quadratic equation

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

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

root1 = (-b + discriminant) / (2 \* a)

root2 = (-b - discriminant) / (2 \* a)

return root1, root2

# Input coefficients

a = float(input("Enter coefficient a: "))

b = float(input("Enter coefficient b: "))

c = float(input("Enter coefficient c: "))

# Solve quadratic equation

root1, root2 = solve\_quadratic(a, b, c)

print(f"The roots of the equation are {root1} and {root2}")

**5. Swap two variables without a temp variable**

# Input two variables

a = int(input("Enter the first variable (a): "))

b = int(input("Enter the second variable (b): "))

# Swap variables without using a temporary variable

a, b = b, a

# Output the swapped values

print(f"After swapping, a = {a} and b = {b}")