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

A) def km\_to\_miles(km):

miles = km \* 0.621371

return miles

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

miles = km\_to\_miles(kilometers)

print(f"{kilometers} kilometers is equal to {miles} miles.")

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

A) def celtofah(celsius):

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

return fahe

cel=float(input("enter a celusis:"))

fah=celtofah(cel)

print(f"{cel} is equal to {fah}")

1. Write a Python program to display calendar?

A) import calendar

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

month = int(input("Enter the month (1-12): "))

# Display the calendar

print(calendar.month(year, month))

1. Write a Python program to solve quadratic equation?

A) import cmath

a=float(input("enter a value:"))

b=float(input("enter b value:"))

c=float(input("enter c value:"))

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

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

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

print("The solutions are {0} and {1}".format(sol1,sol2))

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

A) x=1

y=2

x,y=y,x

print("after swap:",x, "and", y)