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

Answer:

a=float(input("Enter the value of kilometers: "))

b=a\*0.621371

print(f"{a} kilometrs is converted to {b} miles")

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

Answer:

a=float(input("Enter the value of celsius: "))

b=a\*33.8

print(f"{a} celsius is converted to {b} Fahrenheit")

1. Write a Python program to display calendar?

Answer:

import calendar

y = int(input("Input the year : "))

m = int(input("Input the month : "))

print(calendar.month(y, m))

1. Write a Python program to solve quadratic equation?

Answer:

import cmath

print("The Quadratic Equation is of form ax2 + bx+ c\n")

a = int(input("Enter the value of a: "))

b = int(input("Enter the value of b: "))

c = int(input("Enter the value of c: "))

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

root1 = (-b - cmath.sqrt(D))/(2 \* a)

root2 = (-b + cmath.sqrt(D))/(2 \* a)

print("The roots are: ")

print(root1)

print(root2)

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

Answer:

a=float(input("Enter the value of base of triangle: "))

b=float(input("Enter the value of height of triangle: "))

print(f"value of a is {a} and b is {b} before swap")

a, b = b, a

print(f"value of a is {a} and b is {b} after swap")