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

Solution:

km = int(input("Enter value for kilmeter = "))

mi = km /1.6093442

print("{} kilometers = {} miles".format(km,mi))

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

Solution:

c = int(input("Enter value for Celsius = "))

f = (c\*1.8)+32

print("{} celsius = {} Fahrenheit".format(c,round(f,2)))

1. Write a Python program to display calendar?

Solution:

1. Write a Python program to solve quadratic equation?

Solution:

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

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

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

result = (b\*b) - (4\*a\*c)

if result > 0 :

r1 = (-b + pow(result,0.5))/ (2\*a)

r2 = (-b - pow(result,0.5))/ (2\*a)

print("The roots are {} and {}".format(r1,r2))

elif result == 0 :

r = -b / (2\*a)

print("The root is ",r)

else :

print("The equation has no real roots")

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

Solution:

a , b =10,20

print("Before swapping (a = {} , b = {})".format(a,b))

a,b = b,a

print("After swapping (a = {} , b = {})".format(a,b))