

1. Write a Python program to convert kilometers to miles?
Km = int(input("Enter the distance in km"))
Miles = 0.6213 * Km
print(f"The result in miles is {Miles}")
2. Write a Python program to convert Celsius to Fahrenheit?
C_f = 33.8
Deg_c = float (input("Enter the temperature in celsius"))
Deg_f = Deg_c * C_f
Print(f"The temperature in Fahrenheit is {Deg_f}")
3. Write a Python program to display calendar?
import calendar
def print_calendar(year):
print(calendar.calendar(year))
year = 2020
print(print_calendar(year))
4. Write a Python program to solve quadratic equation?
The quadratic equation is given by $ax^2 + bx + c$
The solution for this equation is given by, $-b \pm \sqrt{b^2 - 4ac}/2a$
import cmath

a = 1
b = 5
c = 7

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

quad_1 = - b + cmath.sqrt(d)/2*a
quad_2 = - b - cmath.sqrt(d)/2*a

print(f"The Solution are {quad_1} and {quad_2}")
5. Write a Python program to swap two variables without temp variable?
x = 10
y = 5

x = x + y
y = x - y

x = x-y

print(x,y)