Practical 2

ICT 107 1.0

1. Write a C program to print the following characters in reverse order.
   Test Characters: 'X', 'M', 'L'
   Expected Output:
   The reverse of XML is LMX

2. Write a C program to display multiple variables.
   Sample *Variable*s :
   a+ c, x + c, dx + x, a + x, s + b, ax + b, s + c, ax + c, ax + ux
   Declaration :
   int a = 125, b = 12345;
   long ax = 1234567890;
   short s = 4043;
   float x = 2.13459;
   double dx = 1.1415927;
   char c = 'W';
   unsigned long ux = 2541567890;

3. Write a C program to convert temperature from Celsius to Fahrenheit

$$°F = \left(°C * \frac{9}{5}\right) + 32$$

   100 Celsius = 212.00 Fahrenheit

4. Calculate a bike's average consumption from the given total distance
   (integer value) traveled (in km) and spent fuel (in liters).
   Test Data :
   Distance in km: 350
   Fuel spent in liters: 5
   Expected Output:
   Average consumption (km/lt) 70.000

5. Calculate volume of a cube.

6. Calculate volume of a cylinder.