

Tutorial-2

EEN-103

1. Write a program which converts the temperature in Fahrenheit into Celcius and vice versa.
2. Write an algorithm and a program to swap the values of two variables.
3. Write a program to compute the factorial of a given non-negative integer, and draw the flowchart of the same. (For a given integer $n \geq 0$, the factorial is defined as $n! = 1 \cdot 2 \cdot 3 \cdot \dots \cdot n$ with $0! = 1$.)
4. Print in the output of a C++ program the ASCII characters ranging from 65 to 90 with five characters in each row separated by a tab space.
5. Write a program using both “if-else” and “switch-case” to find the roots of a quadratic equation of type $ax^2 + bx + c$ where a is not equal to zero.
6. Write a program to check given number is prime or not.