**EXERCISES FOR WEEK 2**

**Exercise 1:** Write a program with the following requirements:

* Enter two integer numbers a and b; one operator (+-\*/) from the keyboard.
* Print the result of the expression: a (+-\*/) b

**Exercise 2:** Write a program to **find Roots of Quadratic Equation**: ax2+bx+c=0

**Exercise 3:** Prime Number Program in C#, we will take an input n from the user; the program will ask the user to reenter n if n<2 and check whether the number is prime or not.

**Exercise 4:** Write a program to create **A Number Guessing Game** with the following requirements:

* The program begins by randomly generating a number between 1 and 100
* The Game prompts a user to input a number.
* The random number is the winning number used to compare against the user’s guessing number.
* The Game will give a user 7 chances for the user to guess a randomly generated number.
* If the user guesses wrong, the program will announce the number guessed is smaller or bigger than the winning number.