

## SE 1105 PROGRAMMING AND PROBLEM SOLVING I

### Lab Assignment 2

#### Task 1: Bomb Roll

Write a C program that simulates a game involving rolling a six-sided dice. The game has the following rules:

**Instructions:**

1. Roll the dice until you get a 6.
2. Your score is the sum of all dice rolls.
3. Rolling a 5 is a "bomb" that reduces the score by half.
4. If the player rolls two 5s consecutively, the game ends immediately with the zero score.

#### Task 2: Array Max-Min Absolute Difference

Write a function that takes two integer arrays arr1 and arr2, and their sizes, size1 and size2 as parameters. The function must return the absolute difference between arr1's maximum element and arr2's minimum element.