



Lab (6)
Week 9

1. Write a Java program that **calculates two-third (2/3)** of every element of an initialized array of **integers** (array1) and **copy** the results to another array (array2).
2. Write a Java program that **initializes an array of 6 grades**. Then uses a **switch** statement to **display the corresponding score range**.
Grades vary between A and F

A = 100 – 90 B = 89 – 80 C = 79 – 70 D = 69 – 60 F = 59 – 0

3. Write a Java Program to **exceed** given 5 students marks by the **maximum possible increase**.

Example 1:

- Given exam scores (out of 100), such as:

82 66 82 90 33

Answer: maximum possible increase= 100 – max student mark
= 100 – 90 = **10 marks added to all students**

Output:

92 76 92 100 43

Assignment:

Draw **flowcharts** for Questions [9 – 10 – 11 – 12 – 13 – 14] **Sheet 1**. Then, convert them to **Java** Complete Programs.