DSA Round 1 Time: 04/12/25 06:00 PM - 05/12/2025 12:00 PM {12hr} Rules:

1. Make a repo named after your team badge.
2. For each question, write the question in a comment and upload the answer.
3. You can use comments to explain the concept.
4. Make your code as perfect as you can.
5. After completing code, write all the questions again with marking scheme.
6. Marking Scheme:
- Each question: 3 marks
- Example + Output: 1 mark
- Overall experience of the checker (clarity, readability): 1 mark

■ Array Assignment

Q1. Print an Array
Write a program that takes an array as input and prints all its elements.
Example:
Input: [2, 4, 6, 8]
Output: 2 4 6 8

Q2. Print Array Elements After Multiplying by 5
Write a program that multiplies every element in the given array by 5 and prints the updated array.
Example:
Input: [1, 2, 3]
Output: 5 10 15

Q3. Find the Target in the Array
Write a program to find whether a given target value exists in the array or not.
Example:
Input: Array = [7, 3, 9, 1], Target = 9
Output: Found at index 2

Q4. Find Minimum and Maximum in an Array
Write a program to find the smallest (min) and largest (max) number in the array.
Example:
Input: [12, 5, 34, 2, 19]
Output:
Min = 2
Max = 34

Q5. Print All 0's and 1's Separately

Given an array containing 0s and 1s, print all the 0s first and then all the 1s.

Example:

Input: [1, 0, 1, 0, 0, 1]

Output: 0 0 0 1 1 1