1. Problem statement: Given an array of N elements and the task is to print the elements of an array after left rotating array elements by d positions.
   Input: N, d and next line containing the n elements of array.
   Output: Array elements after d rotation.

   Example:
   Input: n = 7, d = 2
   array elements: 1 2 3 4 5 6 7

   Output: 3 4 5 6 7 1 2

2. Problem statement: Write a C++ program to print all the non-repeated numbers in an array in minimum time complexity.
   Input Example:
   Array length: 10
   Array input: 2 5 3 2 4 5 3 6 7 3

   Output: Non-repeated numbers are: 7, 6, 4

3. Problem statement:
   Write a C++ program to print all the repeated numbers with their frequency in an array in minimum time complexity.
   Input Example:
   Array length: 10
   Array input: 2 5 3 2 4 5 3 6 7 3

   Output:

Repeated number	Frequency
3	3
5	2
2	2

4. Given a string, compute recursively a new string where identical chars that are adjacent in the original string are separated from each other by a "*".

Sample Input 1: "hello"

Sample Output 1: "hel*lo"

Sample Input 2: "xxyy"

Sample Output 2: "x*xy*y"

Sample Input 3: "aaaa"

Sample Output 3: "a*a*a*a"

5. Write a program to print the area of a rectangle by creating a class named 'Area' taking the values of its length and breadth as parameters of its constructor and having a function named 'returnArea' which returns the area of the rectangle. Length and breadth of the rectangle are entered through keyboard.

6. Create a class named 'Student' with a string variable 'name' and an integer variable 'roll_no'. Assign the value of roll_no as '2' and that of name as "John" by creating an object of the class Student.

7. Write a program that would print the information (name, year of joining, salary, address) of three employees by creating a class named 'Employee'. The output should be as follows:

Name	Year of joining	Address
Robert	1994	64C- WallsStreat

| Sam | 2000 | 68D- WallsStreat |
| John | 1999 | 26B- WallsStreat |