**PRACTICAL-7**

**AIM:** Imagine you're working with an array of integers, and your task is to count how many times the number 9 appears in the array. How would you write a Java program that efficiently determines this count, regardless of the array's size or the position of the numbers?

**CODE:**

import java.util.Scanner;

import java.util.\*;

public class pr7 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter the number of elements in the array: ");

        int n = sc.nextInt();

        int[] array = new int[n];

        System.out.println("Enter the elements of the array: ");

        for (int i = 0; i < n; i++) {

            array[i] = sc.nextInt();

        }

        int count = countNines(array);

        System.out.println("Number of times 9 appears in the array: " + count);

        sc.close();

        System.out.println("23DIT044-Heli Patel");

    }

    public static int countNines(int[] array) {

        int count = 0;

        for (int num : array) {

            if (num == 9) {

                count++;

            }

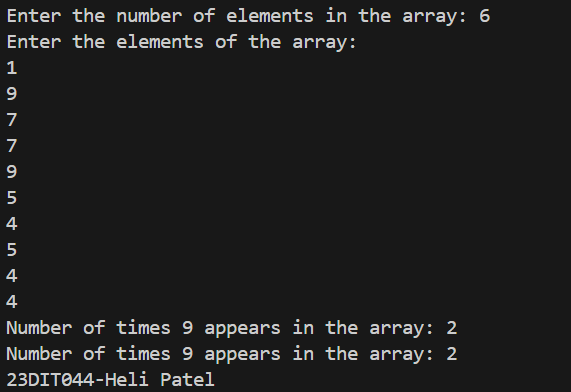
        }

        return count;

    }

}

**OUTPUT:**

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