**Day 45 coding Statement : Write Program to find smallest and largest element in an array**

**Description**

Get an array as input from the user and then find the smallest and largest element in the array.

**Input**

Enter the size of array :

5

Enter the elements :

10 20 5 40 30

**Output**

Smallest Number :

5

Largest Number :

40

import java.util.Scanner;

public class RatanPrajapati\_day45 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

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

        int size = sc.nextInt();

        int[] arr = new int[size];

        int minNum=Integer.MAX\_VALUE;

        int maxNum=Integer.MIN\_VALUE;

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

        for(int i = 0; i < size; i++){

            arr[i] = sc.nextInt();

            minNum = Math.min(arr[i], minNum);

            maxNum = Math.max(arr[i], maxNum);

        }

        System.out.println("Smallest Number :\n"+minNum+"\nLargest Number :\n"+maxNum);

    }

}