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| --- | --- | --- |
|  |  | import java.util.\*; |
|  |  | public class SortingArray{ |
|  |  | static void sort(int[] a, int n){ |
|  |  | int temp = 0; |
|  |  | for(int i = 0; i < n; i++){ |
|  |  | for(int j = 1; j < n - i; j++){ |
|  |  | if(a[j - 1] > a[j]){ |
|  |  | temp = a[j-1]; |
|  |  | a[j - 1] = a[j]; |
|  |  | a[j] = temp; |
|  |  | } |
|  |  | } |
|  |  | } |
|  |  | } |
|  |  | public static void main(String[] args) { |
|  |  | Scanner sc = new Scanner(System.in); |
|  |  | System.out.println("Enter Array Size :"); |
|  |  | int n = sc.nextInt(); |
|  |  | System.out.println("Enter Array Elements :"); |
|  |  | int a[] = new int[n+1]; |
|  |  | for(int i = 0;i < n;i++){ |
|  |  | a[i] = sc.nextInt(); |
|  |  | } |
|  |  | System.out.println("Enter a number :"); |
|  |  | int num = sc.nextInt(); |
|  |  | sort(a, n); |
|  |  | System.out.println("Sorted Array :"); |
|  |  | for(int i= 0;i < n;i++){ |
|  |  | System.out.print(a[i] + " "); |
|  |  | } |
|  |  | System.out.println(); |
|  |  | int c = 0; |
|  |  | for(int i = 0;i < n;i++){ |
|  |  | if(a[i] > num) |
|  |  | break; |
|  |  | if(a[i] == num) |
|  |  | c += 1; |
|  |  | } |
|  |  | System.out.println("No of occurrences : " + c); |
|  |  | } |