SPL Lab-2
Group I

Dept. of CSE

Jahangirnagar University

Problem 1

Given N integers, find the number with maximum value.

Input:

First line: An integer N (1<N<100)

Second line: N integers.

Output:

One line representing the maximum of these N numbers followed by a new line. Check sample output.

Sample Input	Sample Output
5 1 2 3 4 5	5
5 4 5 9 2 1	9

Problem 2

Given an Integer N, draw a diamond shape of 2N — 1 lines using asterisks (*).

Input:

An integer N (1 ≤ N ≤ 20)

Output:

2N — 1 lines of asterisks that are shaped like a diamond. Check sample output.

Sample Input	Sample Output

4	<pre> *
	  * *
	 * * *
	* * * *
	 * * *
	  * *
	   *</pre>

6	<pre> *
	    * *
	   * * *
	  * * * *
	 * * * * *
	* * * * * *
	 * * * * *
	  * * * *
	   * * *
	    * *
	     *</pre>

Problem 3

Given an integer N, print first N characters of the following character sequence: ABCDEFG…….WXYZABCDE…..

Input:

An integer N (1 ≤ N ≤ 1000).

Output:

One line with N characters from the sequence followed by a new line. Check sample output.

Sample Input	Sample Output
5	ABCDE
9	ABCDEFGHI