HUSTack   VIE ▾   🔔¹   T2

Problem: Week 2 - Binary sequence generation

Description

Given an integer n, write a program that generates all the binary sequences of length n in a lexicographic order.

Input

- Line 1: contains an integer n (1 <= n <= 20)

Output

Write binary sequences in a lexicographic ordder, eac sequence in a line

Example

Input

3

Output

000

001

010

011

100

101

110

111

Sample TestCase

C 17

```
1    Write your Source code here
```

Source code

C 17

```
1    //C
2    #include <stdio.h>
```

```
  2   #include <stdio.h>
  3
  4   int main()
  5   {
  6
  7   }
```

SUBMIT CODE   Currently, this contest problem is not open for submissions

——————————— Or ———————————

C 17   ▼   Select file

SUBMIT

🔍 Tìm kiếm   ✕   ↺

ID	Bài tập	Trạng thái	Message	Điểm
41ca54	BINARY_SEQUENCE_GEN	Accept	ⓘ	100

5 hàng ▾ |<   <   1-1 của 1   >   >|