11:42 27/02/2024 HUSTack











Problem: Week 2 - Binary sequences generation without consecutive 11

Description

Given an integer n, write a program that generates all binary sequences without consecutive 11 in a lexicographic order.

Input

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

Output

Write binary sequences in a lexicographic order, each sequence in a line

Example

Input

3

Output

000

001

010

100

101

11:42 27/02/2024 HUSTack

Sample TestCase

C 17

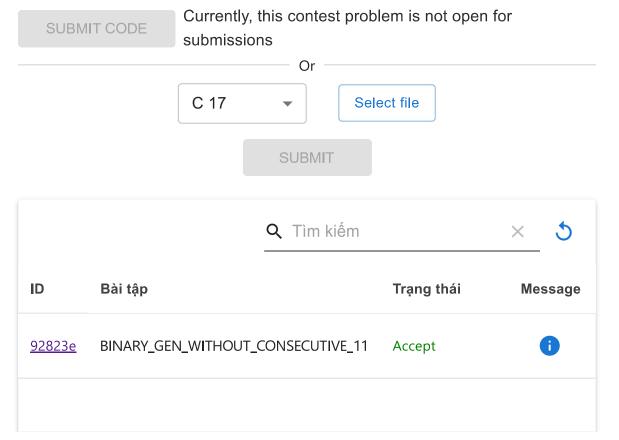
1 Write your Source code here

Source code

C 17

7

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



ID	Bài tập	Trạng thái			thái	Message		
		5 hàng ▼	<	<	1 - 1 của 1	>	>	