num = 5

1
2 3
4 5 6
7 8 9 10
11 12 13 14 15 ✓

① Pattern 9:

num = 5

1
2 2
3 3 3
4 4 4 4
5 5 5 5 5

num = 6

1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
6 6 6 6 6 6

int num = 8;   O/p: YES.

0 1 1 2 3 5 8 13 21 34 55 89..

int num = 25,   O/p: NO.

int num = 10;

0 1 1 2 3 5 8 13 . . .

0 1 1 2 4 7 13 24 44 81 . . .

TO-DOS :

i) Is fibonacci?

ii) Tribonacci.

iii) Mathematical version of Pattern 8.

iv) limak and Bob candy.

v) Int.MIN and
   Int.MAX.