

import java.util.\*;

class demo {

public static void main (String args[]) {

Scanner sc = new Scanner (System.in);

System.out.println ("enter num");

int m = sc.nextInt();

for (int i = 1; i <= m; i++) {

for (int j = 1; j <= m; j++) {

System.out.print ("\*");

}

System.out.println ();

}

① int i = 1 <= 5

↳ j = 1 <= 5

↳ \*

j = 2 <= 5

↳ \*

j = 3 <= 5

↳ \*

j = 4 <= 5

↳ \*

j = 5 <= 5

↳ \*

\* \* \* \* \*

② int i = 2 <= 5

↳ j = 1 <= 5 → \*

j = 2 <= 5 → \*

j = 3 <= 5 → \*

j = 4 <= 5 → \*

j = 5 <= 5 → \*

\* \* \* \* \*

int i = 3 <= 5

→ j = 1 <= 5 → \*

j = 2 <= 5 → \*

j = 3 <= 5 → \*

j = 4 <= 5 → \*

j = 5 <= 5 → \*

\* \* \* \* \*

int i = 4 <= 5

→ j = 1 <= 5 → \*

j = 2 <= 5 → \*

j = 3 <= 5 → \*

j = 4 <= 5 → \*

j = 5 <= 5 → \*

\* \* \* \* \*

int i = 5 <= 5

→ j = 1 <= 5 → \*

j = 2 <= 5 → \*

j = 3 <= 5 → \*

j = 4 <= 5 → \*

j = 5 <= 5 → \*

\* \* \* \* \*

int i = 6 <= 5 (False) → stop iteration

enter num — 5

- output

\* \* \* \* \*

\* \* \* \* \*

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$i = 4 \leq 4$

$\rightarrow$   $j = 1 \leq 4$  — print(i) — 4  
 $j = 2 \leq 4$  — 4  
 $j = 3 \leq 4$  — 4  
 $j = 4 \leq 4$  — 4

$i = 5 \leq 4$  (false)

output —  $n = 4$

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

g-3 import java.util.\*;

class demo {

public static void main (String [] args) {

Scanner sc = new Scanner (System.in)

int n = sc.nextInt ();

for (int i = 1 ; i <= n ; i++) {

for (int j = 1 ; j <= n ; j++) {

System.out.print (j);

System.out.println ();

}

}

}

DATE

$i=1 \leq 4 \rightarrow j=1 \leq 4$  — print(j) — 1  
 $j=2 \leq 4$  — print(j) — 2  
 $j=3 \leq 4$  — 3  
 $j=4 \leq 4$  — 4  
                   1 2 3 4

$i=2 \leq 4 \rightarrow j=1 \leq 4$  — 1  
 $j=2 \leq 4$  — 2  
 $j=3 \leq 4$  — 3  
 $j=4 \leq 4$  — 4      1 2 3 4

$j=3 \leq 4 \rightarrow j=1 \leq 4$  — 1  
 $j=2 \leq 4$  — 2  
 $j=3 \leq 4$  — 3  
 $j=4 \leq 4$  — 4      1 2 3 4

$j=4 \leq 4 \rightarrow j=1 \leq 4$  — 1  
 $j=2 \leq 4$  — 2  
 $j=3 \leq 4$  — 3  
 $j=4 \leq 4$  — 4      1 2 3 4

$i=5 \leq 4$   
 X

—      1 2 3 4  
       1 2 3 4  
       1 2 3 4  
       1 2 3 4

