1)Write a Program which takes input n and prints the below pattern and upload the code to your github repo.

**PROGRAM:**

class Main{

public static void main(String[] args){

int n=4;

for(int i=n;i>=1;i--){

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

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

}

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

}

}

}

**OUTPUT:**

\*\*\*\*

\*\*\*

\*\*

\*

2)

**PROGRAM:**

class Main{

public static void main(String[] args){

int n=4;

for(int i=n;i>=1;i--){

for(int j=i;j>=1;j--){

System.out.print(j);

}

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

}

}

}

**OUTPUT:**

4321

321

21

1

3)

**PROGRAM:**

class Main{

public static void main(String[] args){

int n=5;

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

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

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

}

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

}

}

}

**OUTPUT:**

\*

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\*\*\*\*\*

4) Sample 1:

Input:

n = 8

Expected output:

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

6 6 6 6 6 6

7 7 7 7 7 7 7

8 8 8 8 8 8 8 8

**PROGRAM WITHOUT USING COUNT :**

import java.util.Scanner;

class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter the Input: ");

int n = scanner.nextInt();

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

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

System.out.print(i + " ");

}

System.out.println();

}

}

}

**OUTPUT:**

Enter the Input: 8

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

6 6 6 6 6 6

7 7 7 7 7 7 7

8 8 8 8 8 8 8 8