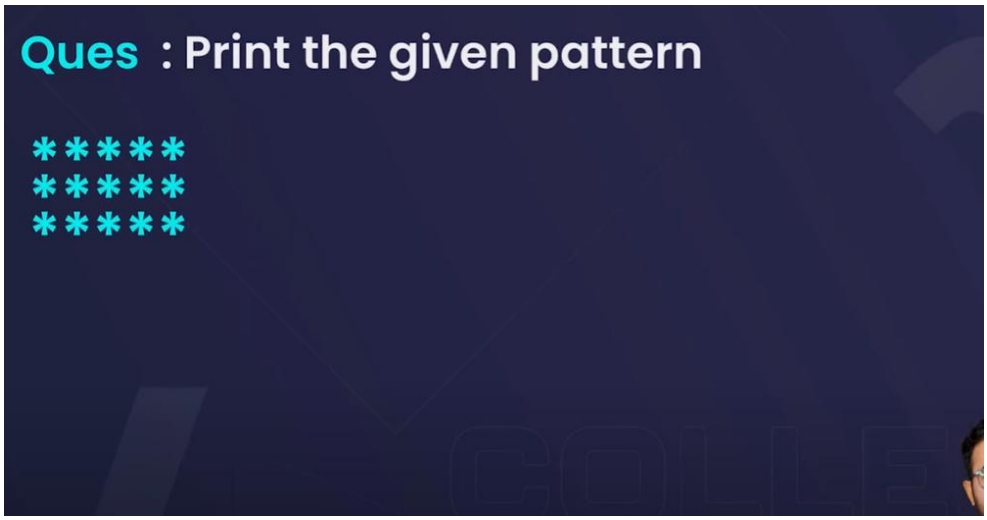
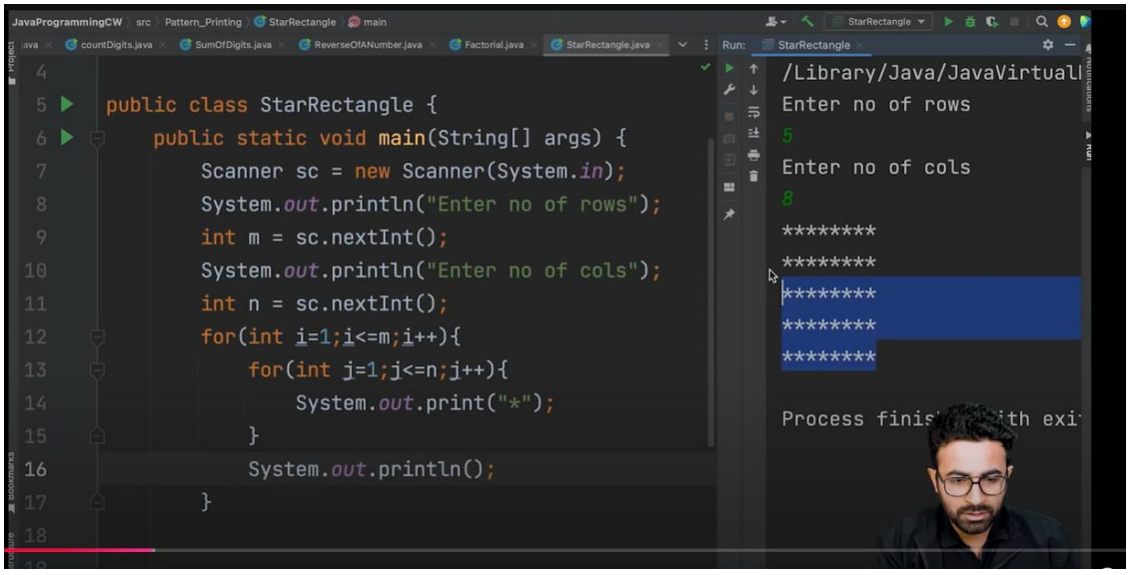
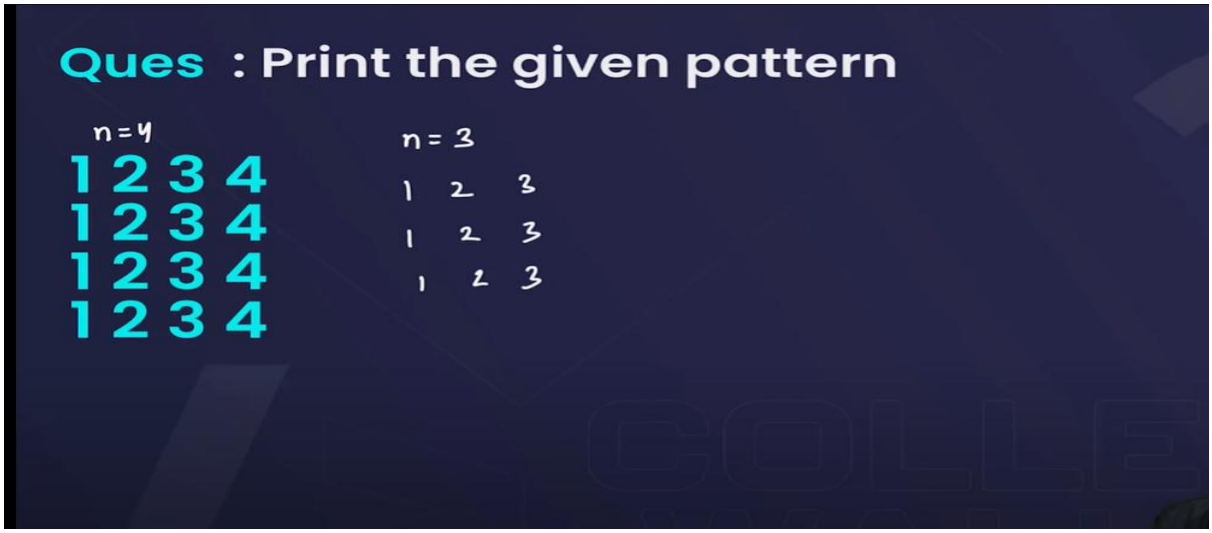
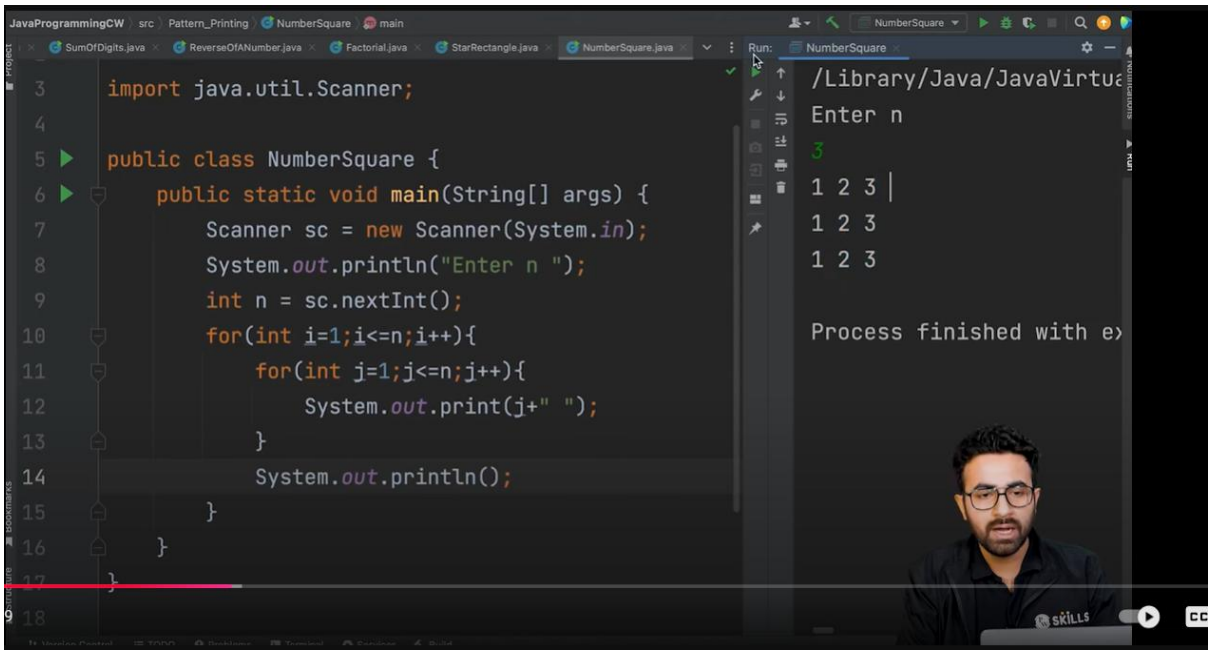
Pattern Printing

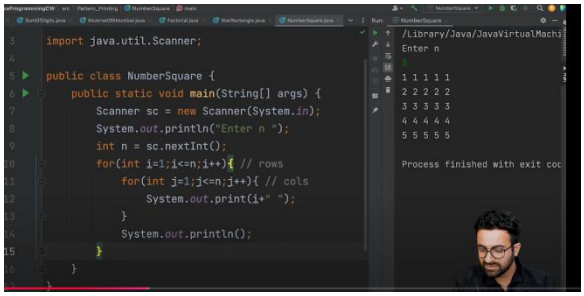
Pattern-1

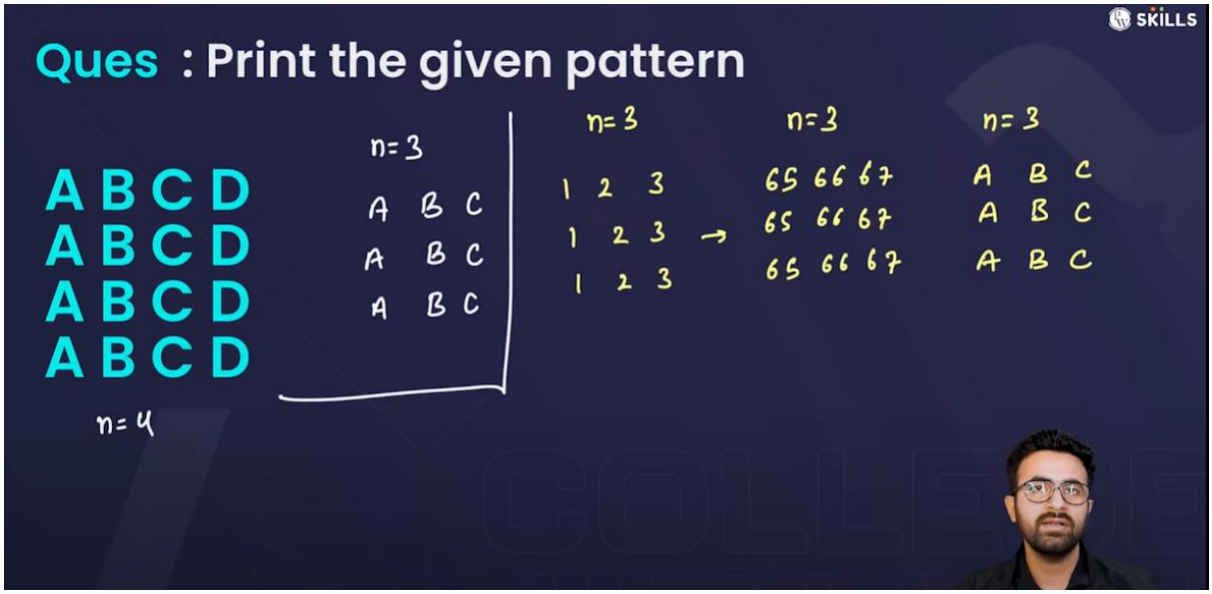


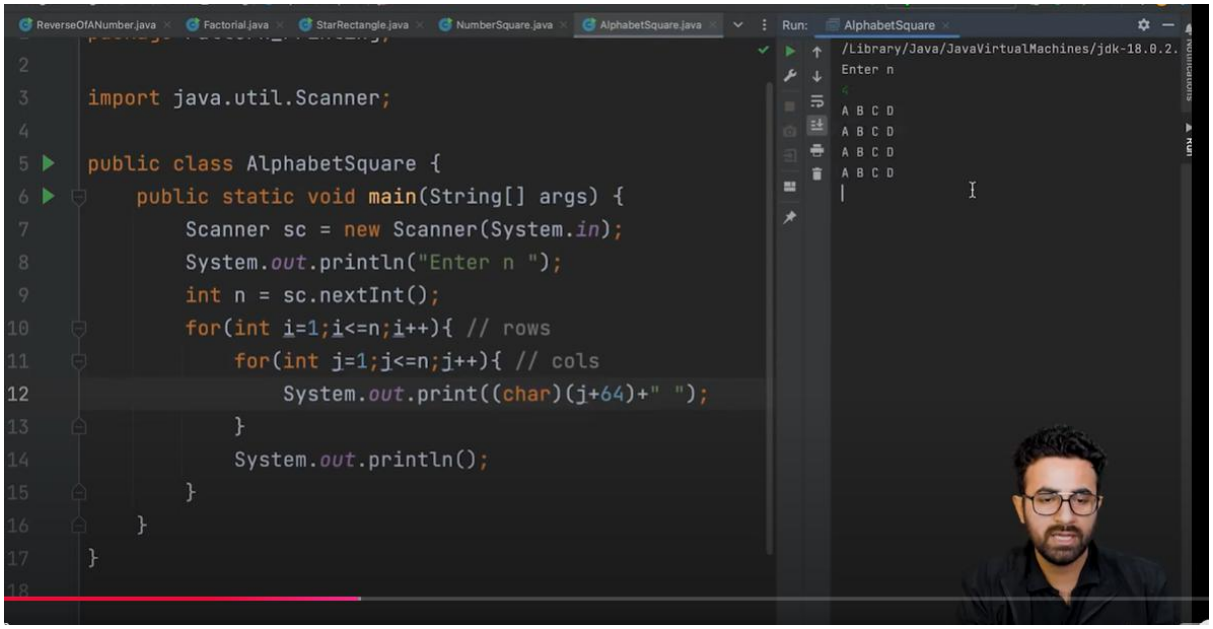


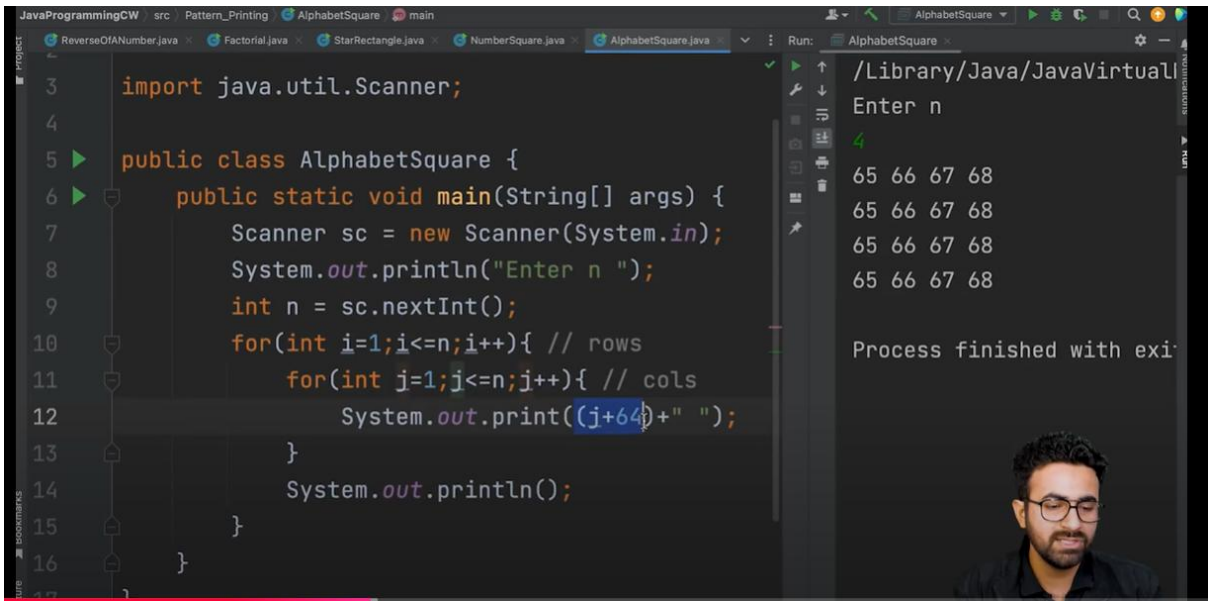

Ques : Print the given pattern
n = 4
1 2 3 4
1 2 3 4
1 2 3 4
1 2 3 4
n = 3
1 2 3
1 2 3
1 2 3

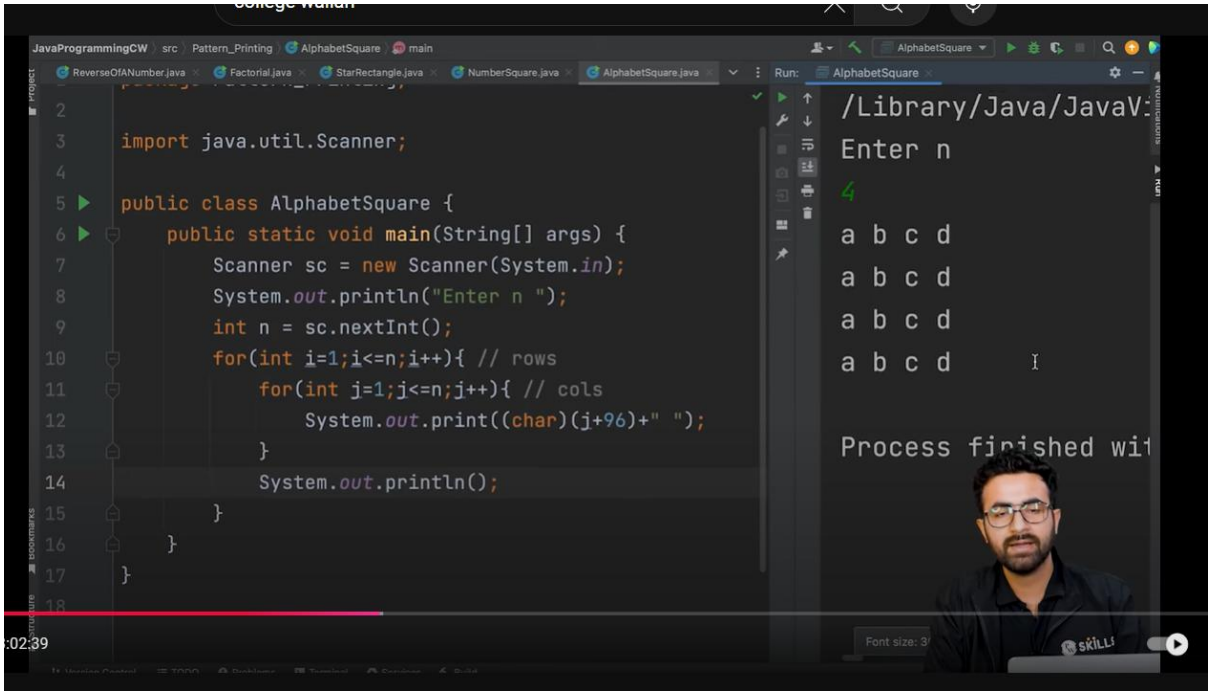

JavaProgrammingCW
src
Pattern_Printing
NumberSquare
main
SumOfDigits.java
ReverseOfANumber.java
Factorial.java
StarRectangle.java
NumberSquare.java
Run:
NumberSquare
/Library/Java/JavaVirtua
Enter n
3
1 2 3
1 2 3
1 2 3
Process finished with e
import java.util.Scanner;
public class NumberSquare {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
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();
}
}
}

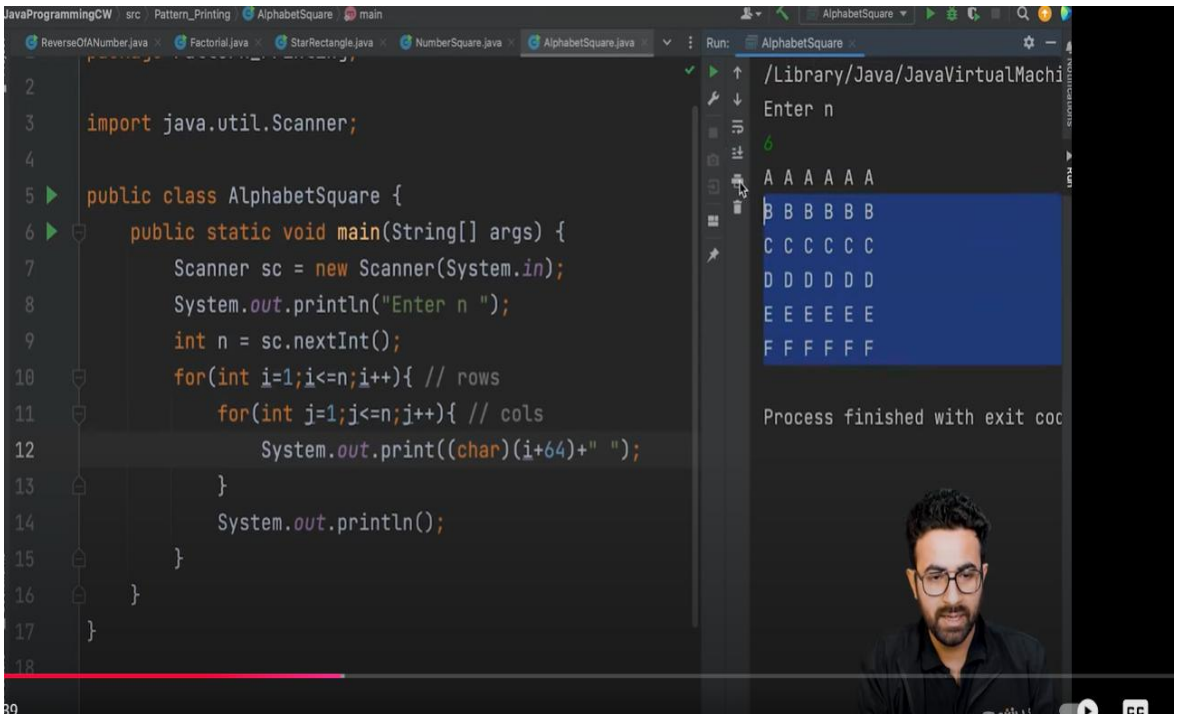

import java.util.Scanner;
public class NumberSquare {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n;j++){ // cols
System.out.print(i+" ");
}
System.out.println();
}
}
}
/Library/Java/JavaVirtualMachi
Enter n
5
1 1 1 1 1
2 2 2 2 2
3 3 3 3 3
4 4 4 4 4
5 5 5 5 5
Process finished with exit coc

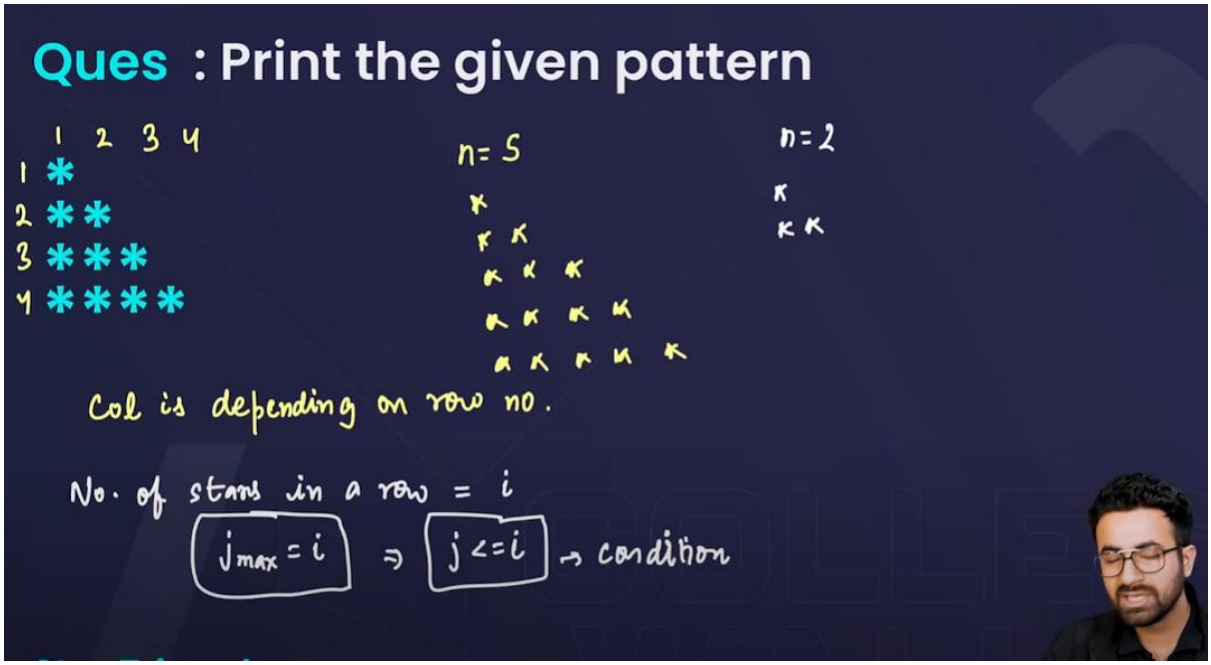

SKILLS
Ques : Print the given pattern
A B C D
A B C D
A B C D
A B C D
n=4
n=3
A B C
A B C
A B C
n=3
1 2 3
1 2 3
1 2 3
n=3
65 66 67
65 66 67
65 66 67
n=3
A B C
A B C
A B C

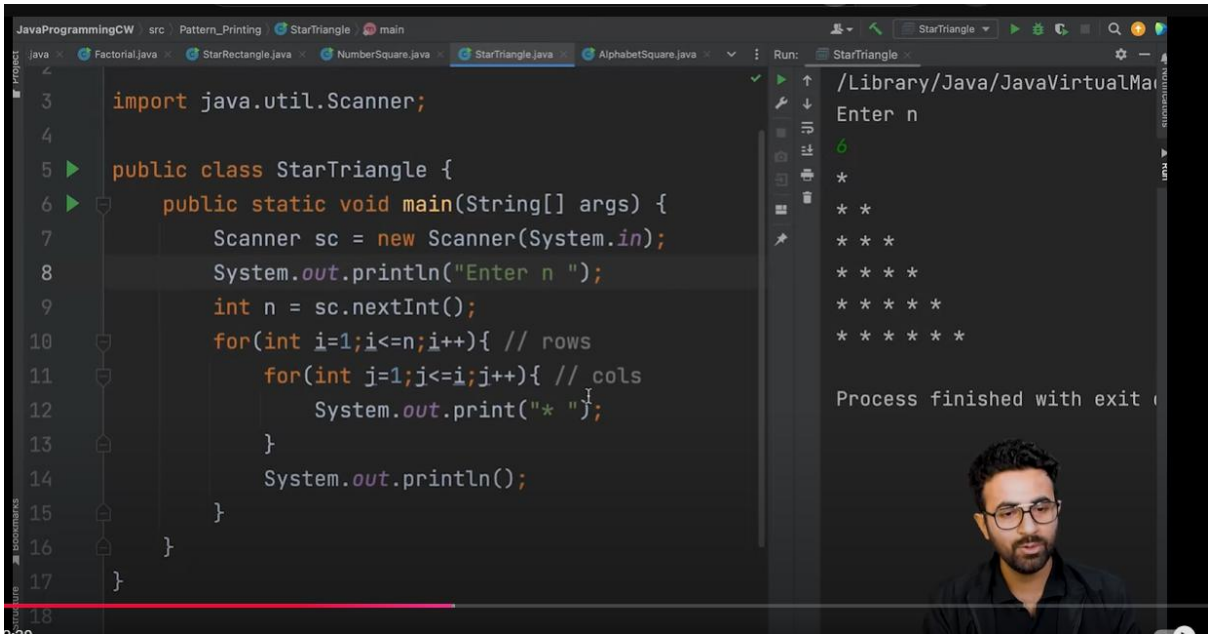

ReverseOfANumber.java
Factorial.java
StarRectangle.java
NumberSquare.java
AlphabetSquare.java
Run:
AlphabetSquare
/Library/Java/JavaVirtualMachines/jdk-18.0.2.
Enter n
4
A B C D
A B C D
A B C D
A B C D
import java.util.Scanner;
public class AlphabetSquare {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n;j++){ // cols
System.out.print((char)(j+64)+" ");
}
System.out.println();
}
}
}

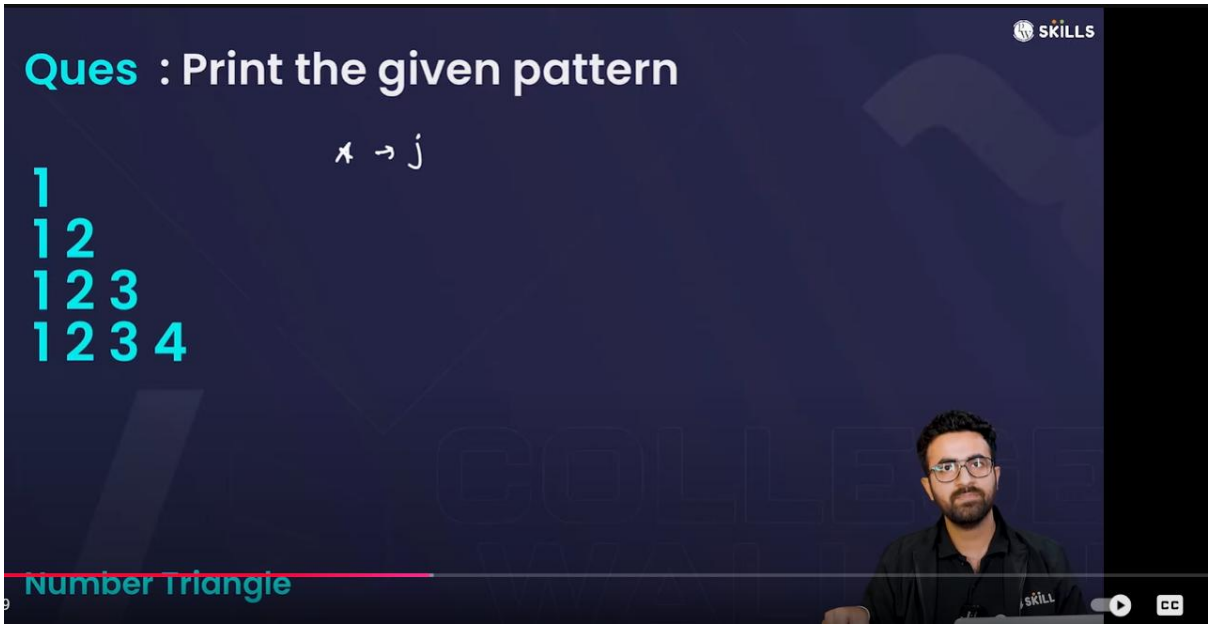

JavaProgrammingCW
src
Pattern_Printing
AlphabetSquare
main
ReverseOfANumber.java
Factorial.java
StarRectangle.java
NumberSquare.java
AlphabetSquare.java
Run:
AlphabetSquare
/Library/Java/JavaVirtualI
Enter n
4
65 66 67 68
65 66 67 68
65 66 67 68
65 66 67 68
Process finished with exi
import java.util.Scanner;
public class AlphabetSquare {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n;j++){ // cols
System.out.print((j+64)+" ");
}
System.out.println();
}
}

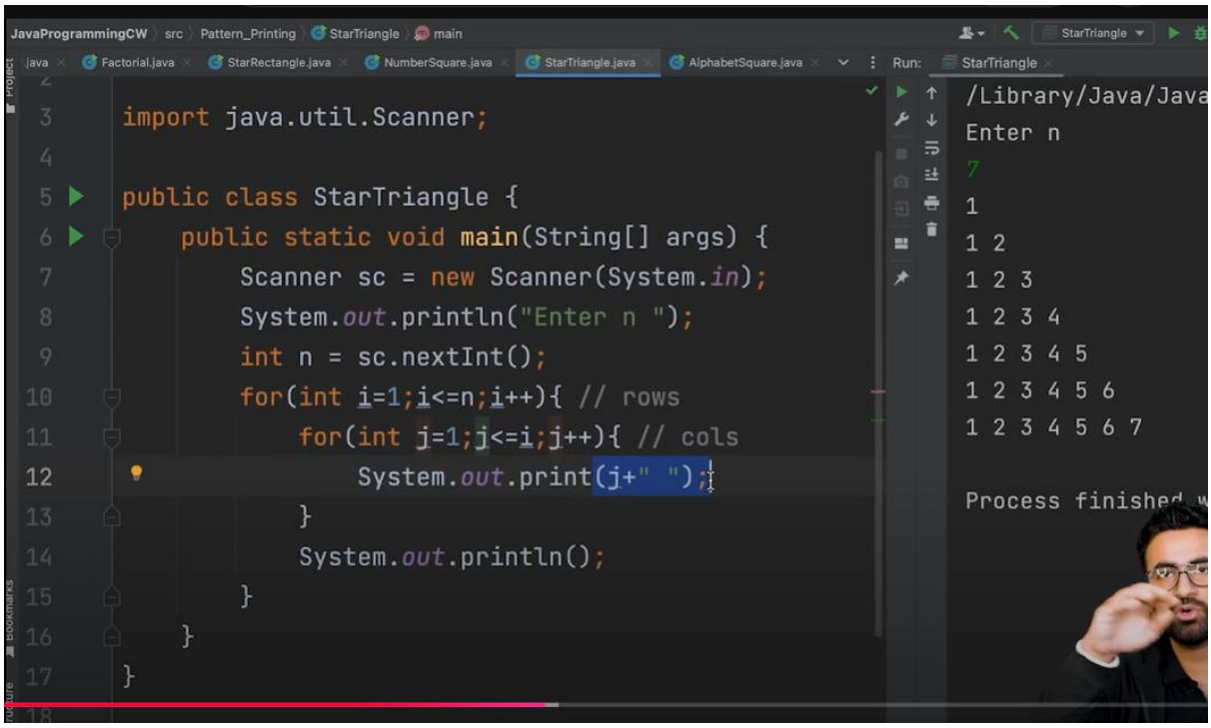

JavaProgrammingCW src Pattern_Printing AlphabetSquare main
ReverseOfANumber.java Factorial.java StarRectangle.java NumberSquare.java AlphabetSquare.java
Run: AlphabetSquare
/Library/Java/JavaV
Enter n
4
a b c d
a b c d
a b c d
a b c d
Process finished wi
import java.util.Scanner;
public class AlphabetSquare {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n;j++){ // cols
System.out.print((char)(j+96)+" ");
}
System.out.println();
}
}
}
02:39
Font size:
SKILL!

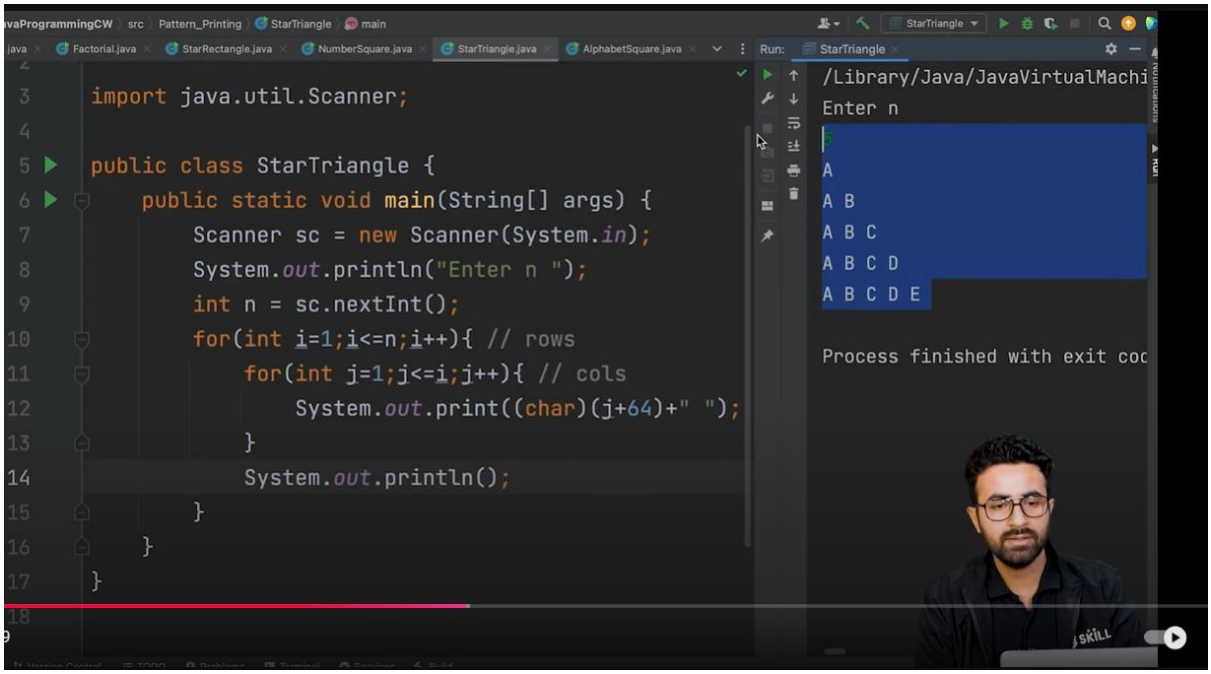

JavaProgrammingCW src Pattern_Printing AlphabetSquare main
ReverseOfANumber.java Factorial.java StarRectangle.java NumberSquare.java AlphabetSquare.java
Run: AlphabetSquare
/Library/Java/JavaVirtualMachi
Enter n
6
A A A A A A
B B B B B B
C C C C C C
D D D D D D
E E E E E E
F F F F F F
Process finished with exit coc
import java.util.Scanner;
public class AlphabetSquare {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n;j++){ // cols
System.out.print((char)(i+64)+" ");
}
System.out.println();
}
}
}

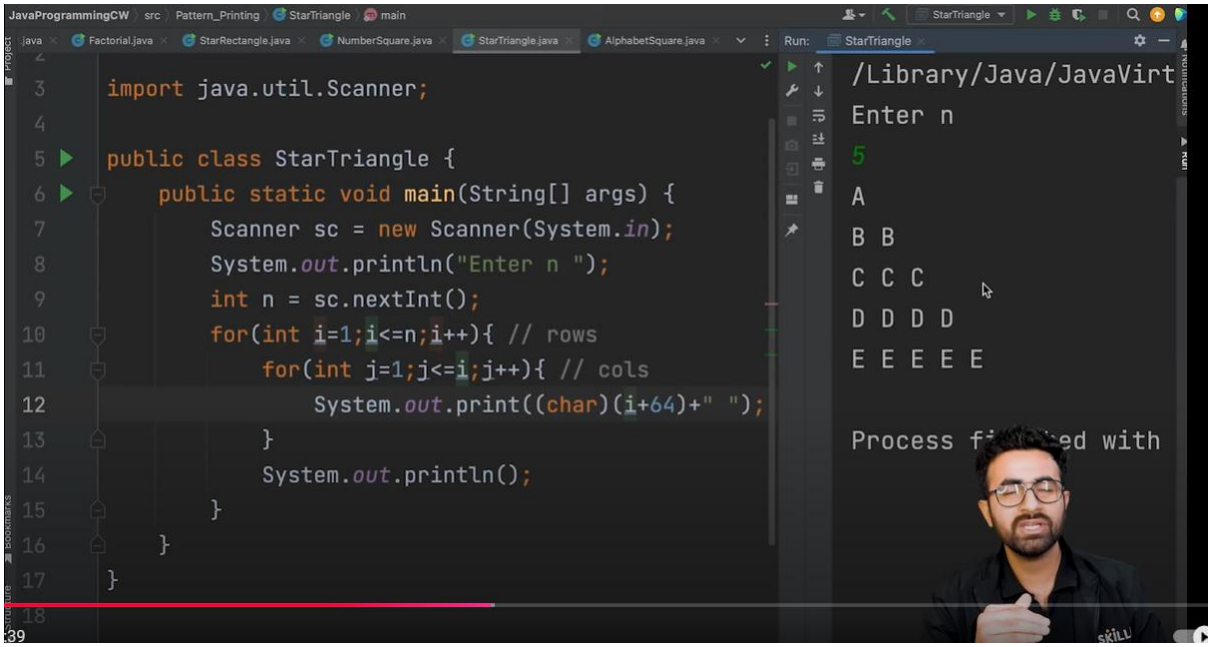

Ques : Print the given pattern
1 2 3 4
1 *
2 * *
3 * * *
4 * * * *
n = 5
n = 2
Col is depending on row no.
No. of stars in a row = i
$j_{max} = i$ ⇒ $j <= i$ → condition

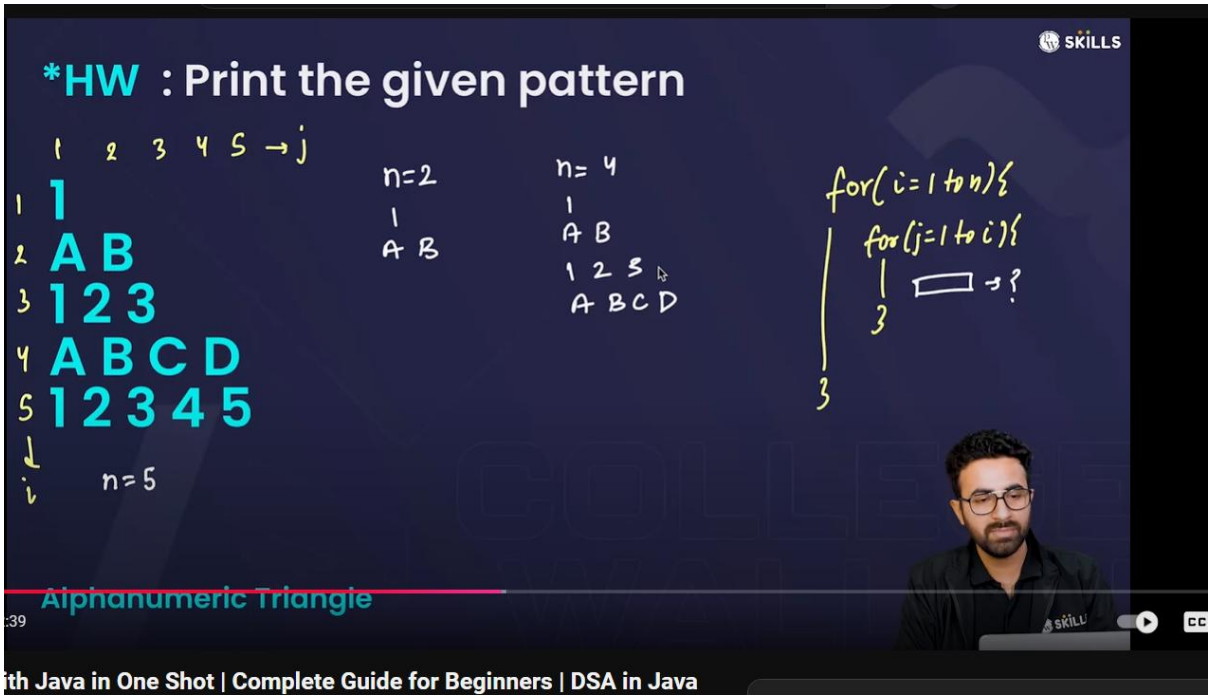

JavaProgrammingCW › src › Pattern_Printing › StarTriangle › main
Factorial.java
StarRectangle.java
NumberSquare.java
StarTriangle.java
AlphabetSquare.java
Run: StarTriangle
/Library/Java/JavaVirtualMa
Enter n
6
*
* *
* * *
* * * *
* * * * *
* * * * * *
Process finished with exit
import java.util.Scanner;
public class StarTriangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=i;j++){ // cols
System.out.print("* ");
}
System.out.println();
}
}
}

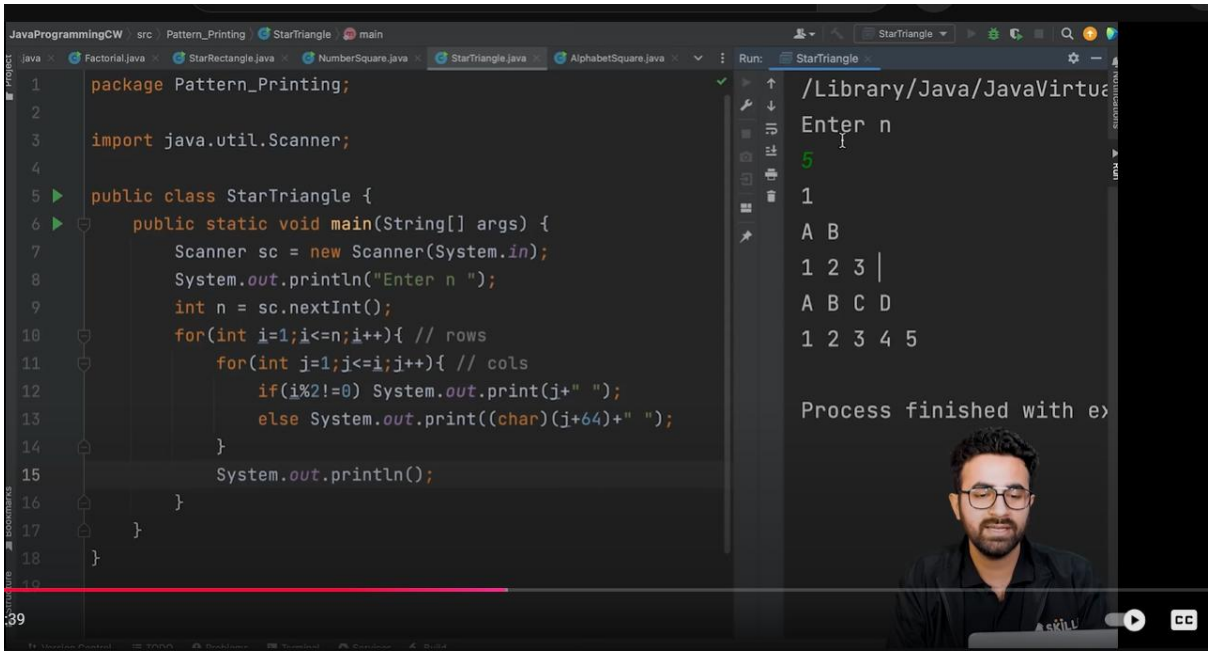

SKILLS
Ques : Print the given pattern
i → j
1
1 2
1 2 3
1 2 3 4
Number Triangle

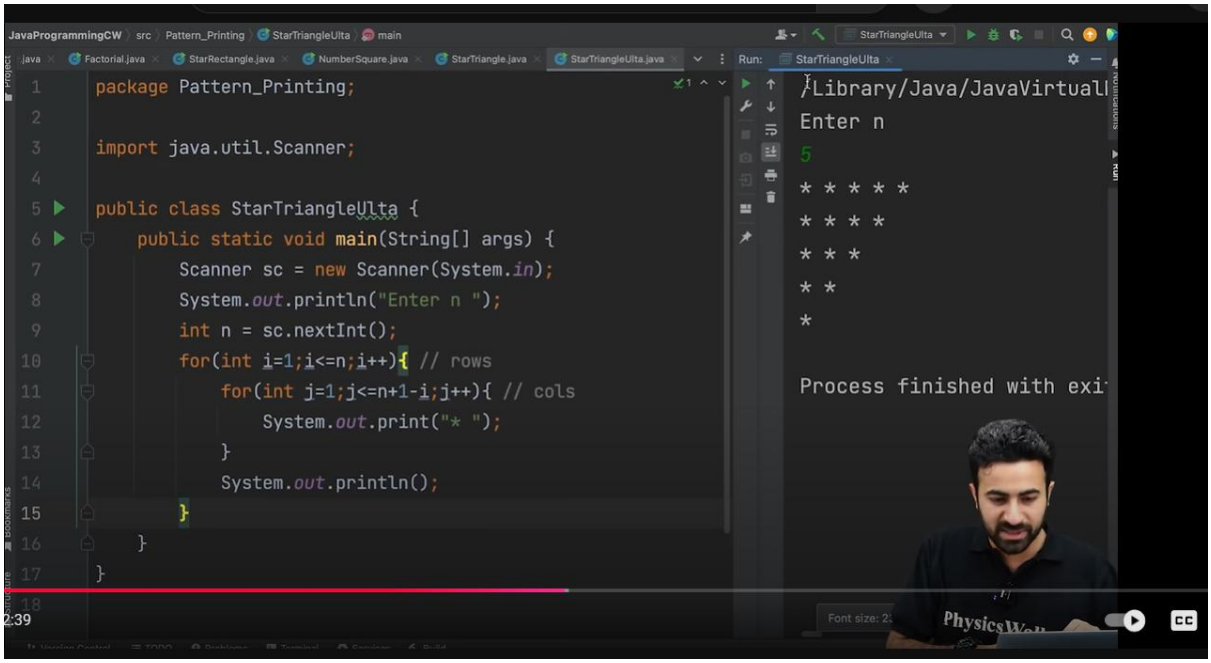

JavaProgrammingCW src Pattern_Printing StarTriangle main
Factorial.java StarRectangle.java NumberSquare.java StarTriangle.java AlphabetSquare.java
Run: StarTriangle
import java.util.Scanner;
public class StarTriangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=i;j++){ // cols
System.out.print(j+" ");
}
System.out.println();
}
}
}
/Library/Java/Java
Enter n
7
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6 7
Process finished w

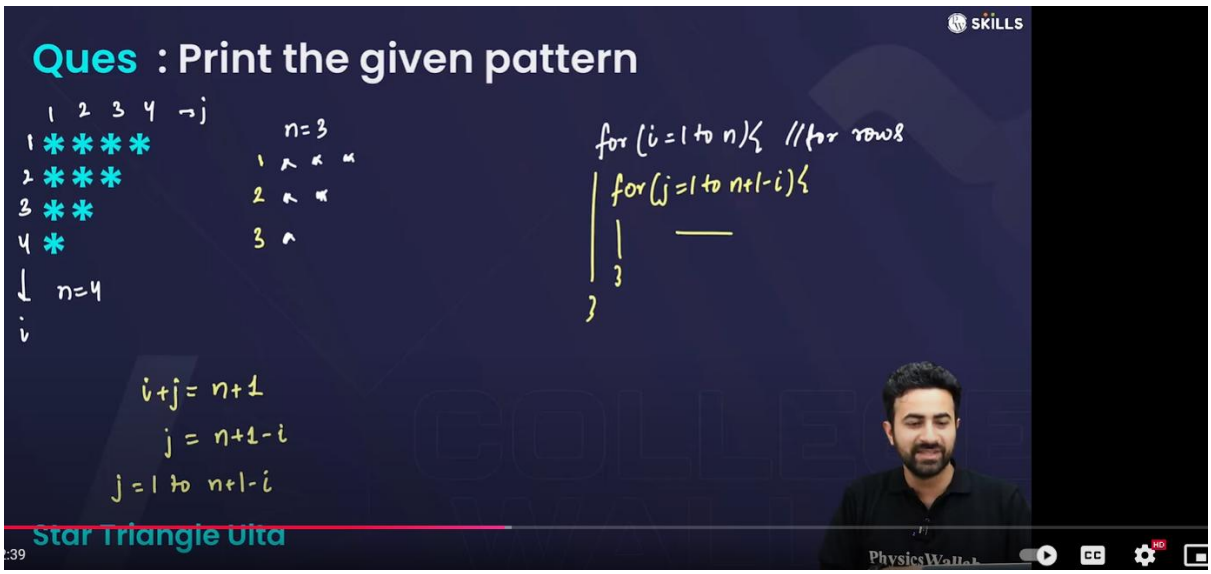

import java.util.Scanner;
public class StarTriangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=i;j++){ // cols
System.out.print((char)(j+64)+" ");
}
System.out.println();
}
}
}
Run: StarTriangle
/Library/Java/JavaVirtualMachi
Enter n
5
A
A B
A B C
A B C D
A B C D E
Process finished with exit coc


import java.util.Scanner;
public class StarTriangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=i;j++){ // cols
System.out.print((char)(i+64)+" ");
}
System.out.println();
}
}
}
Run: StarTriangle
/Library/Java/JavaVirt
Enter n
5
A
B B
C C C
D D D D
E E E E E
Process

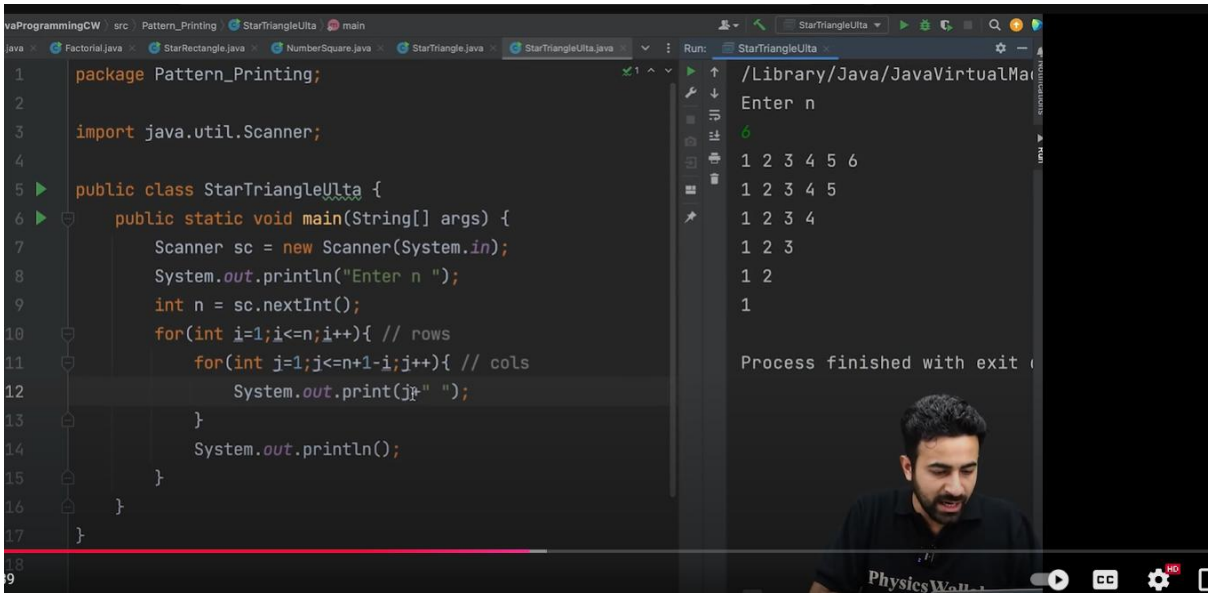

*HW : Print the given pattern
1 2 3 4 5 → j
1 1
2 A B
3 1 2 3
4 A B C D
5 1 2 3 4 5
i
n=5
n=2
1
A B
n= 4
1
A B
1 2 3
A B C D
for(i=1 to n){
for(j=1 to i){
3
3
Alphanumeric Triangle
:39
ith Java in One Shot | Complete Guide for Beginners | DSA in Java

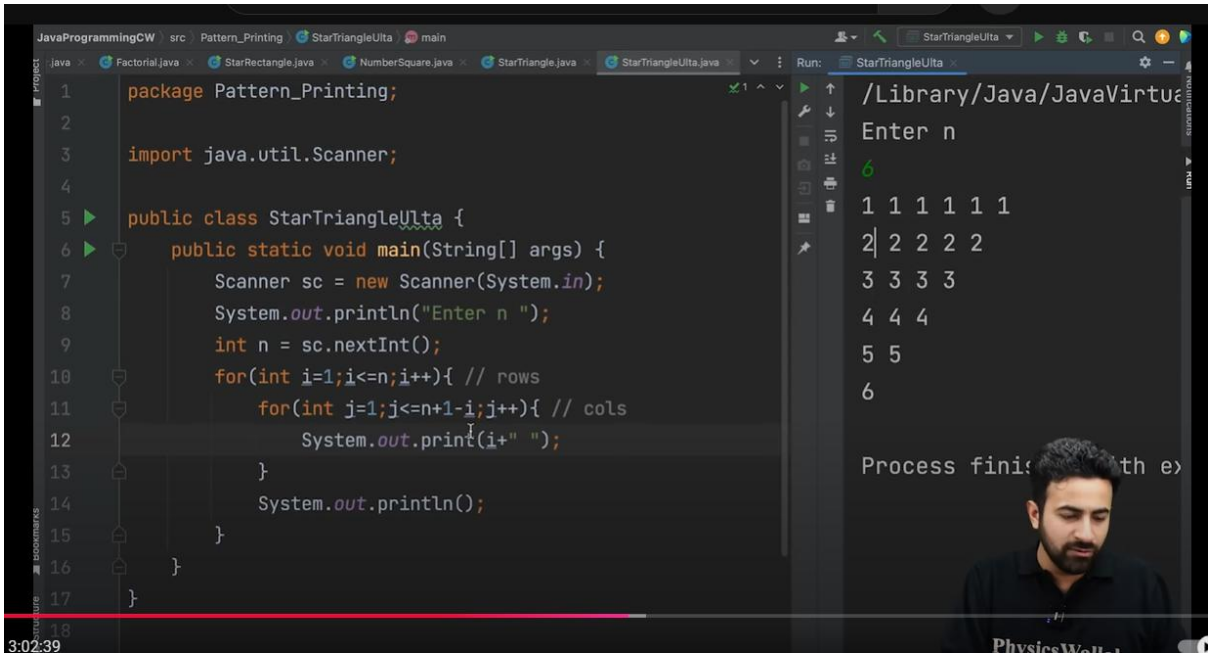

JavaProgrammingCW src Pattern_Printing StarTriangle main
Factorial.java StarRectangle.java NumberSquare.java StarTriangle.java AlphabetSquare.java
Run: StarTriangle
package Pattern_Printing;
import java.util.Scanner;
public class StarTriangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=i;j++){ // cols
if(i%2!=0) System.out.print(j+" ");
else System.out.print((char)(j+64)+" ");
}
System.out.println();
}
}
}
/Library/Java/JavaVirtua
Enter n
5
1
A B
1 2 3
A B C D
1 2 3 4 5
Process finished with e
:39

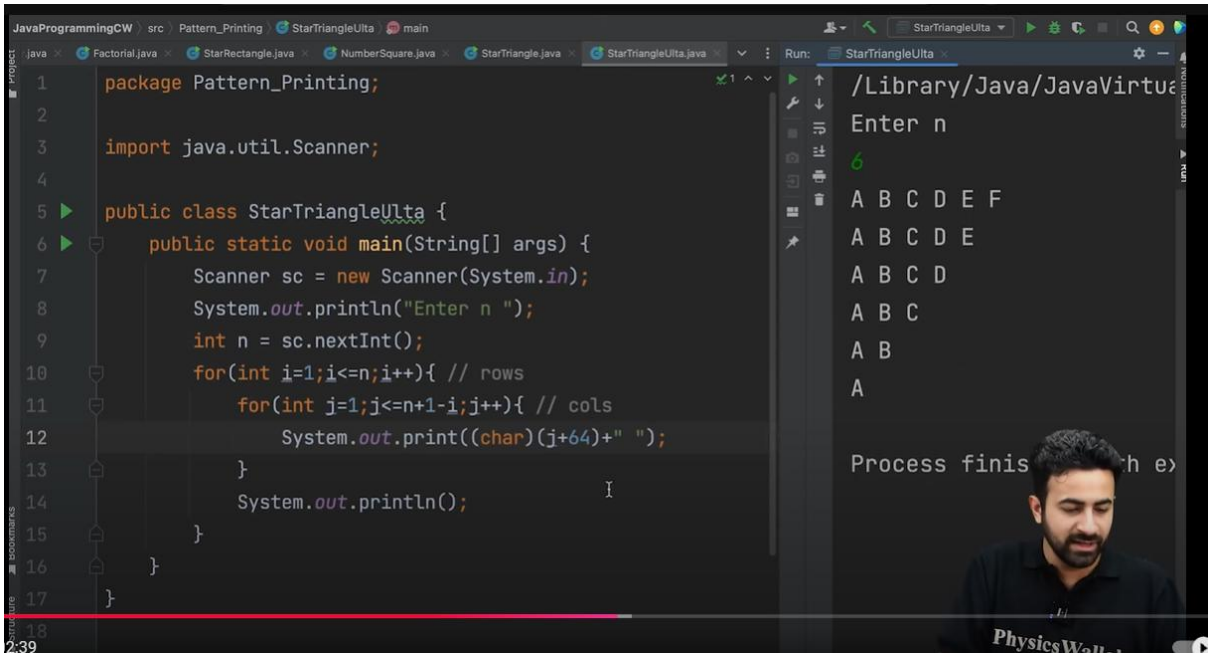

JavaProgrammingCW
src
Pattern_Printing
StarTriangleUlta
main
Factorial.java
StarRectangle.java
NumberSquare.java
StarTriangle.java
StarTriangleUlta.java
Run:
StarTriangleUlta
package Pattern_Printing;
import java.util.Scanner;
public class StarTriangleUlta {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n+1-i;j++){ // cols
System.out.print("* ");
}
System.out.println();
}
}
}
/Library/Java/JavaVirtualM
Enter n
5
* * * * *
* * * *
* * *
* *
*
Process finished with exi
2:39
PhysicsWa

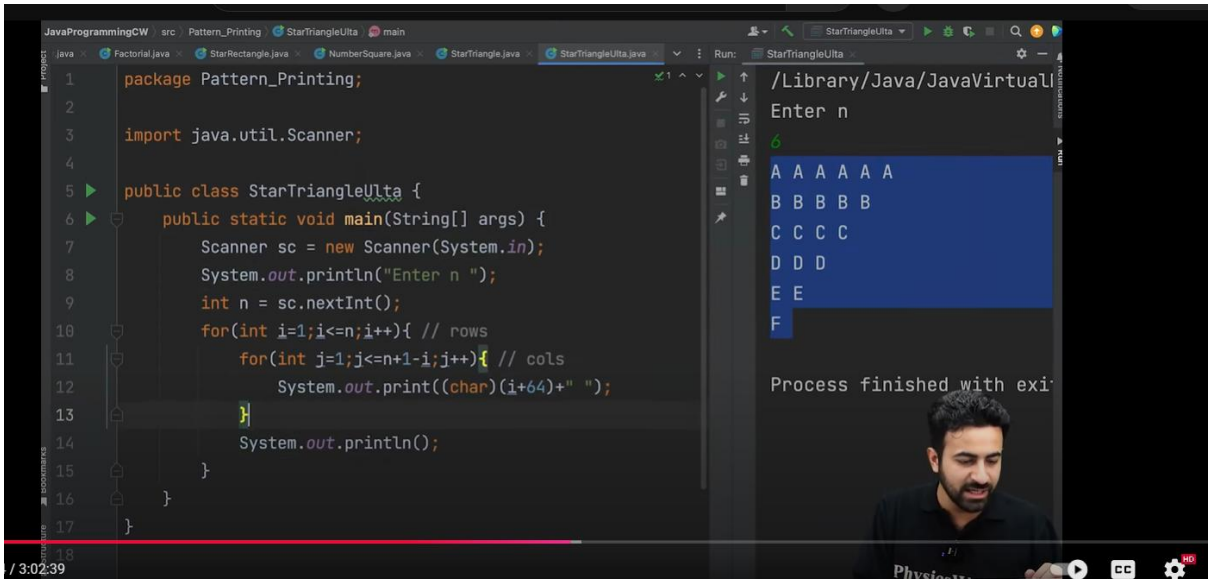

SKILLS
Ques : Print the given pattern
1 2 3 4 →j
1 * * * *
2 * * *
3 * *
4 *
↓ n=4
i
n=3
1 * * *
2 * *
3 *
for(i=1 to n){ //for rows
for(j=1 to n+1-i){
*
}
i+j = n+1
j = n+1-i
j=1 to n+1-i
Star Triangle Ulta
2:39
PhysicsWallah

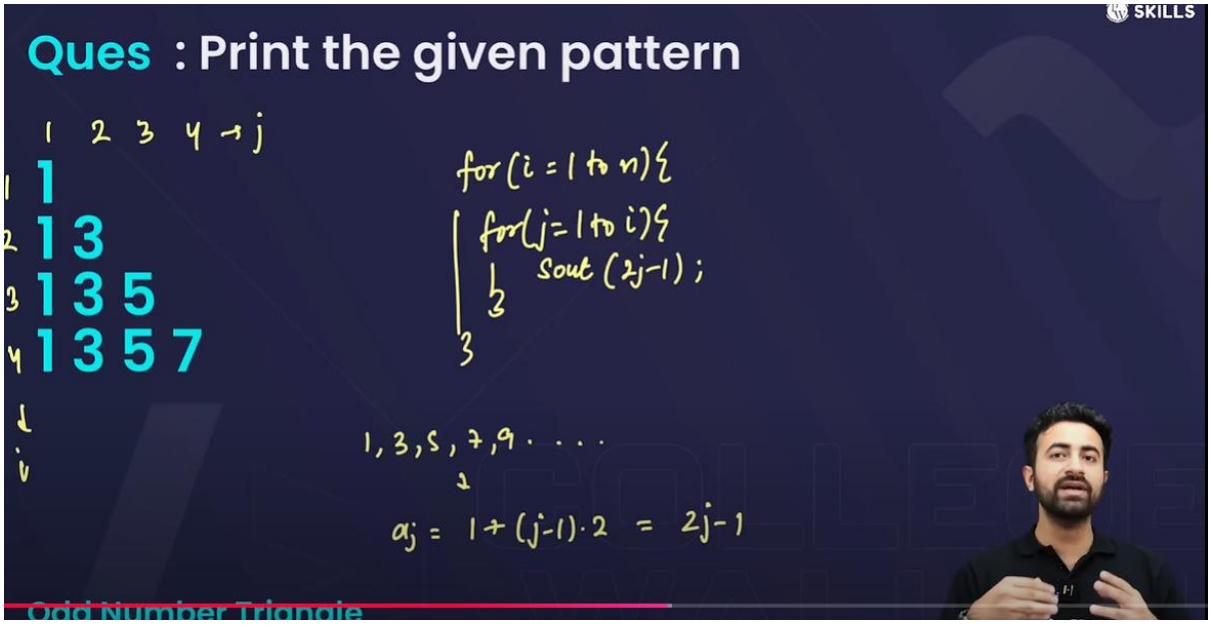

HW : Print the given pattern
1 2 3 4
1 2 3
1 2
1
SKILLS
Number Triangle Ulta

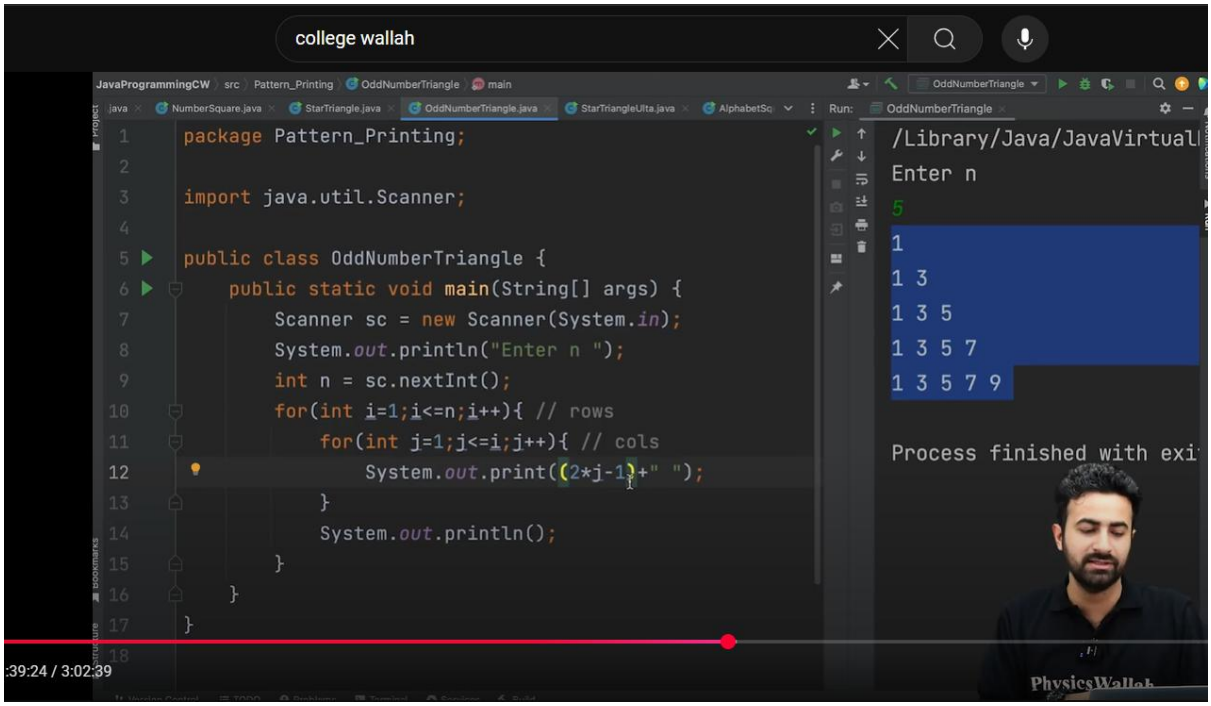

StarTriangleUlta.java
package Pattern_Printing;
import java.util.Scanner;
public class StarTriangleUlta {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n+1-i;j++){ // cols
System.out.print(j+" ");
}
System.out.println();
}
}
}
Run: StarTriangleUlta
/Library/Java/JavaVirtualMa
Enter n
6
1 2 3 4 5 6
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
Process finished with exit

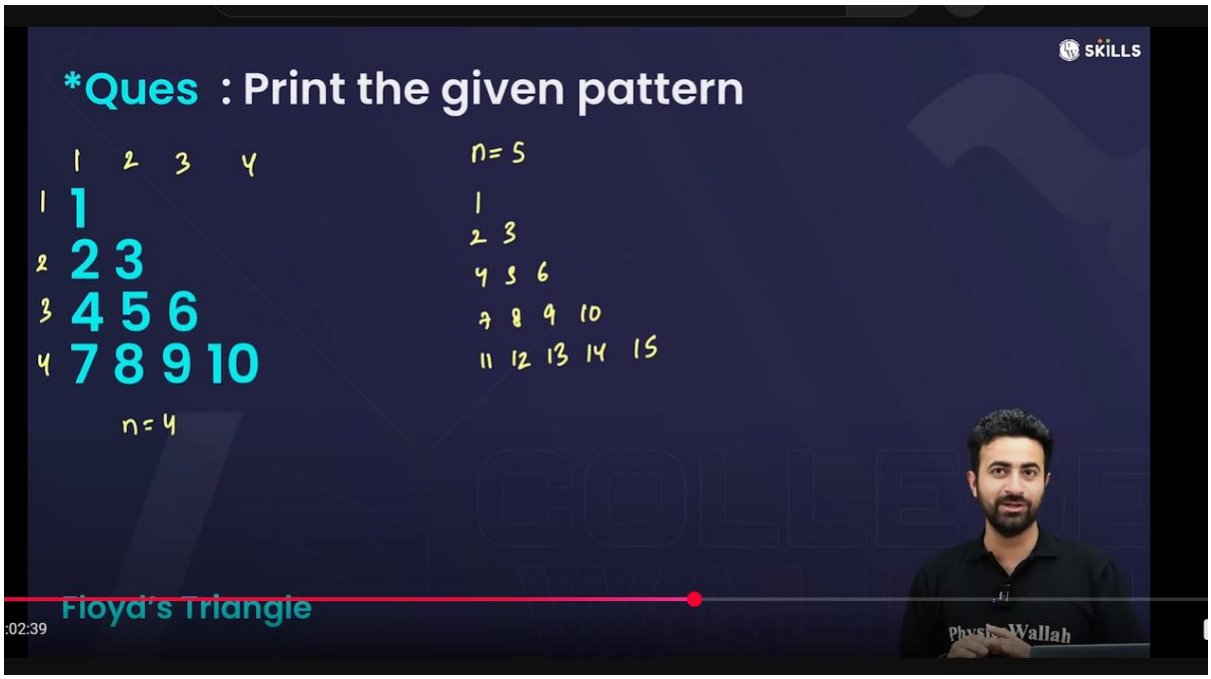

JavaProgrammingCW src Pattern_Printing StarTriangleUlta main
Factorial.java StarRectangle.java NumberSquare.java StarTriangle.java StarTriangleUlta.java
Run: StarTriangleUlta
package Pattern_Printing;
import java.util.Scanner;
public class StarTriangleUlta {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n+1-i;j++){ // cols
System.out.print(i+" ");
}
System.out.println();
}
}
}
/Library/Java/JavaVirtua
Enter n
6
1 1 1 1 1 1
2 2 2 2 2
3 3 3 3
4 4 4
5 5
6
Process finis th e
3:02:39
PhysicsWall

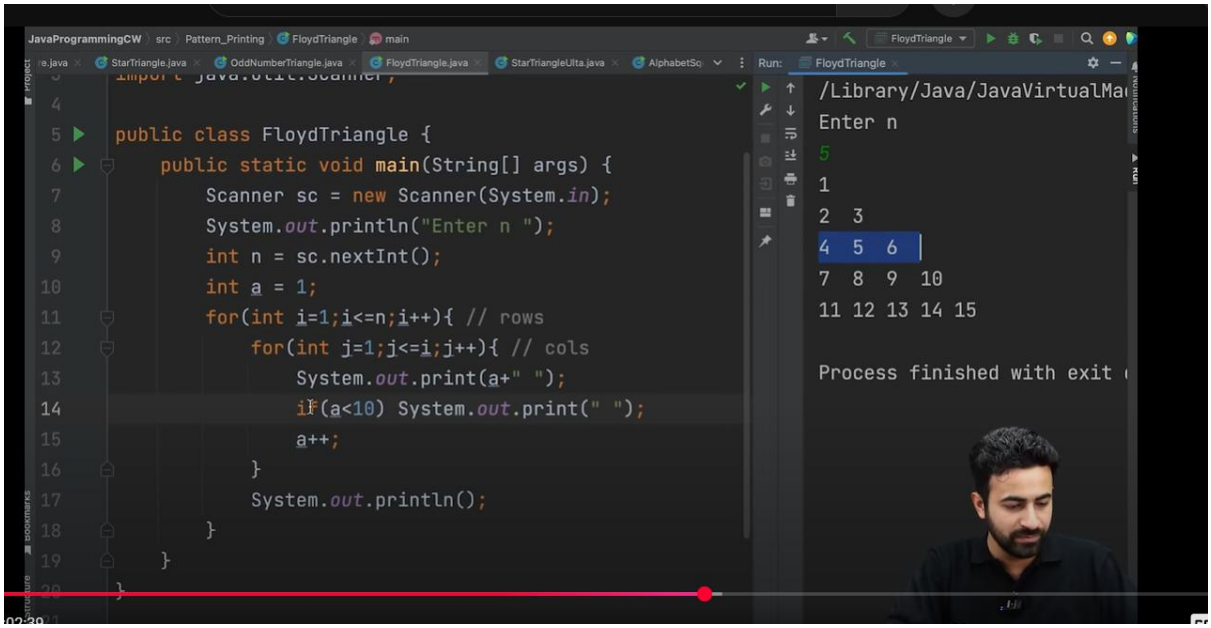

JavaProgrammingCW src Pattern_Printing StarTriangleUlta main
Factorial.java StarRectangle.java NumberSquare.java StarTriangle.java StarTriangleUlta.java
Run: StarTriangleUlta
package Pattern_Printing;
import java.util.Scanner;
public class StarTriangleUlta {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n+1-i;j++){ // cols
System.out.print((char)(j+64)+" ");
}
System.out.println();
}
}
}
/Library/Java/JavaVirtua
Enter n
6
A B C D E F
A B C D E
A B C D
A B C
A B
A
Process finis h e
2:39
PhysicsWall

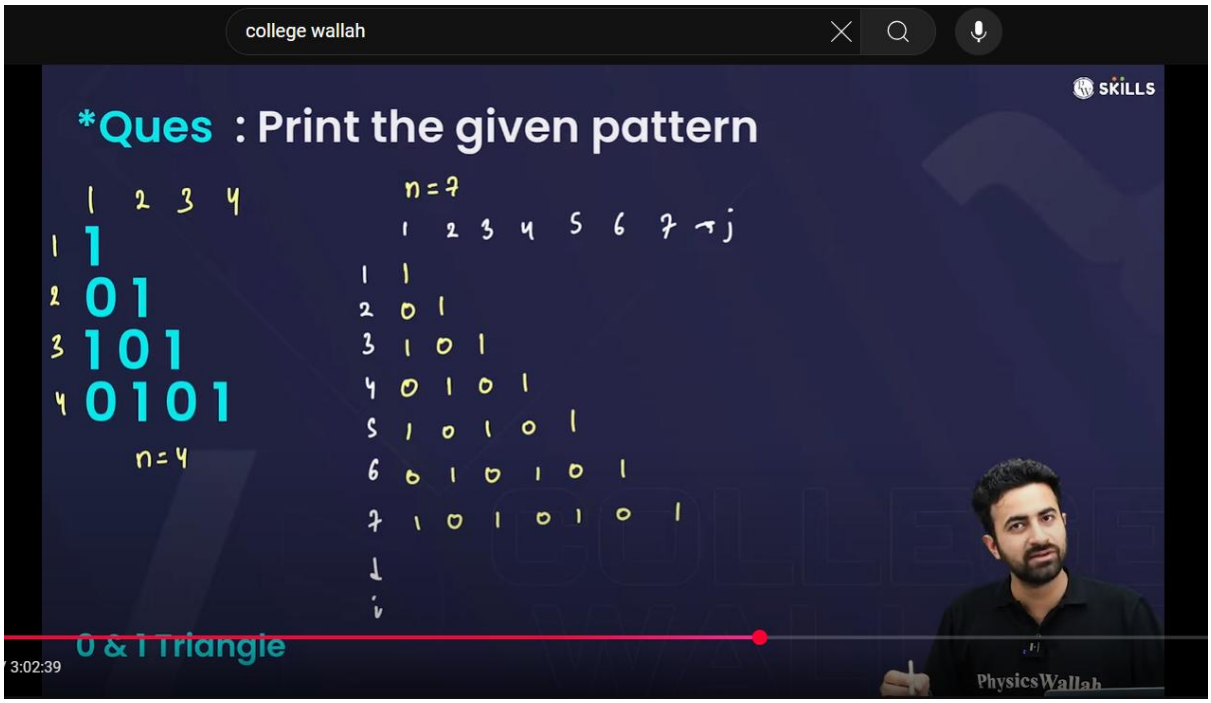

JavaProgrammingCW › src › Pattern_Printing › StarTriangleUlta › main
Factorial.java
StarRectangle.java
NumberSquare.java
StarTriangle.java
StarTriangleUlta.java
Run: StarTriangleUlta
package Pattern_Printing;
import java.util.Scanner;
public class StarTriangleUlta {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n+1-i;j++){ // cols
System.out.print((char)(i+64)+" ");
}
System.out.println();
}
}
}
/Library/Java/JavaVirtualM
Enter n
6
A A A A A A
B B B B B
C C C C
D D D
E E
F
Process finished with exi
/ 3:02:39

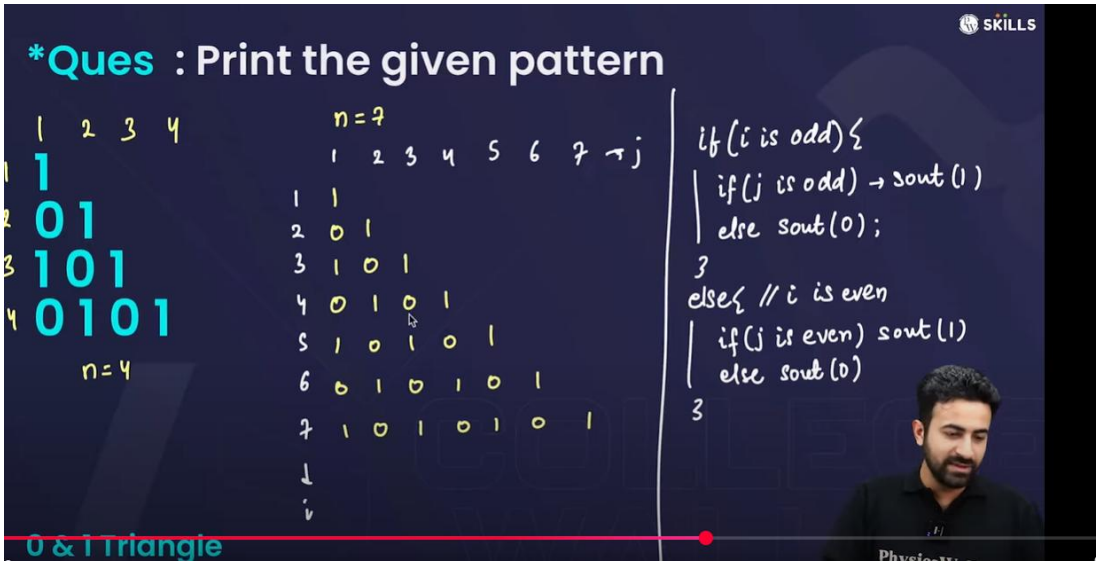

SKILLS
Ques : Print the given pattern
1 2 3 4 → j
1 1
2 1 3
3 1 3 5
4 1 3 5 7
i
for(i = 1 to n){
for(j=1 to i){
Sout(2j-1);
}
}
1, 3, 5, 7, 9 . . . .
a_j = 1 + (j-1)·2 = 2j-1
Odd Number Triangle

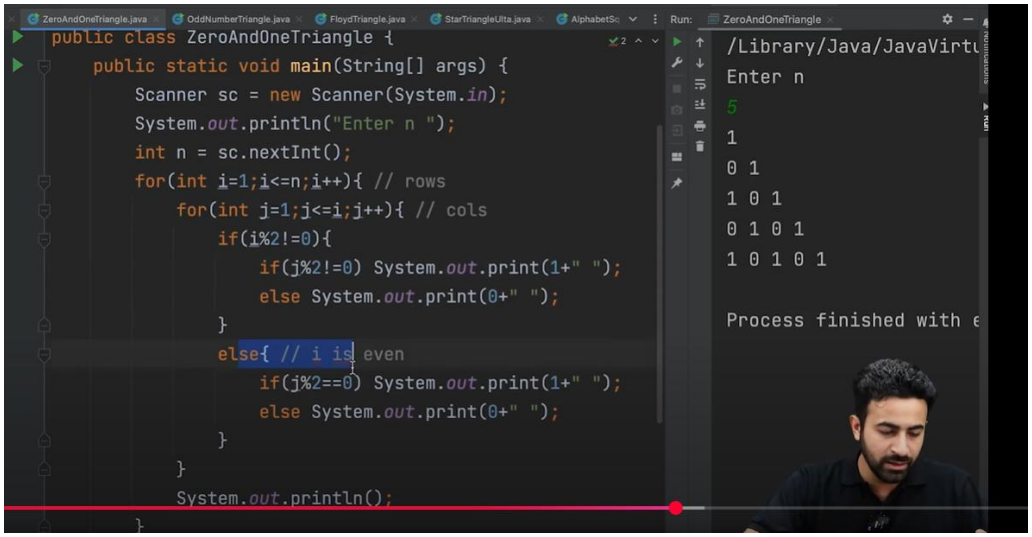

college wallah
JavaProgrammingCW / src / Pattern_Printing / OddNumberTriangle / main
NumberSquare.java
StarTriangle.java
OddNumberTriangle.java
StarTriangleUlta.java
AlphabetSq
Run: OddNumberTriangle
package Pattern_Printing;
import java.util.Scanner;
public class OddNumberTriangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=i;j++){ // cols
System.out.print((2*j-1)+" ");
}
System.out.println();
}
}
}
/Library/Java/JavaVirtual
Enter n
5
1
1 3
1 3 5
1 3 5 7
1 3 5 7 9
Process finished with exi
:39:24 / 3:02:39
PhysicsWallah

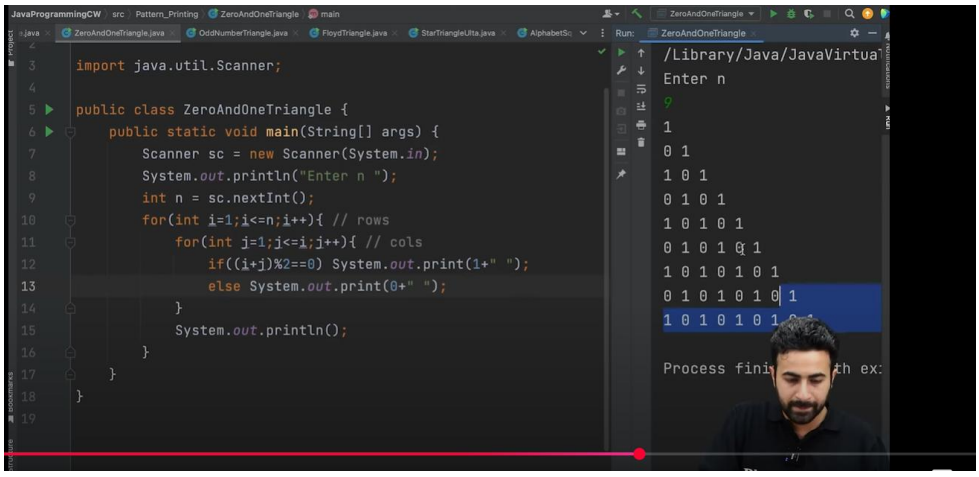

SKILLS
*Ques : Print the given pattern
1 2 3 4
1 1
2 2 3
3 4 5 6
4 7 8 9 10
n=4
n=5
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
Floyd's Triangle
:02:39
Wallah

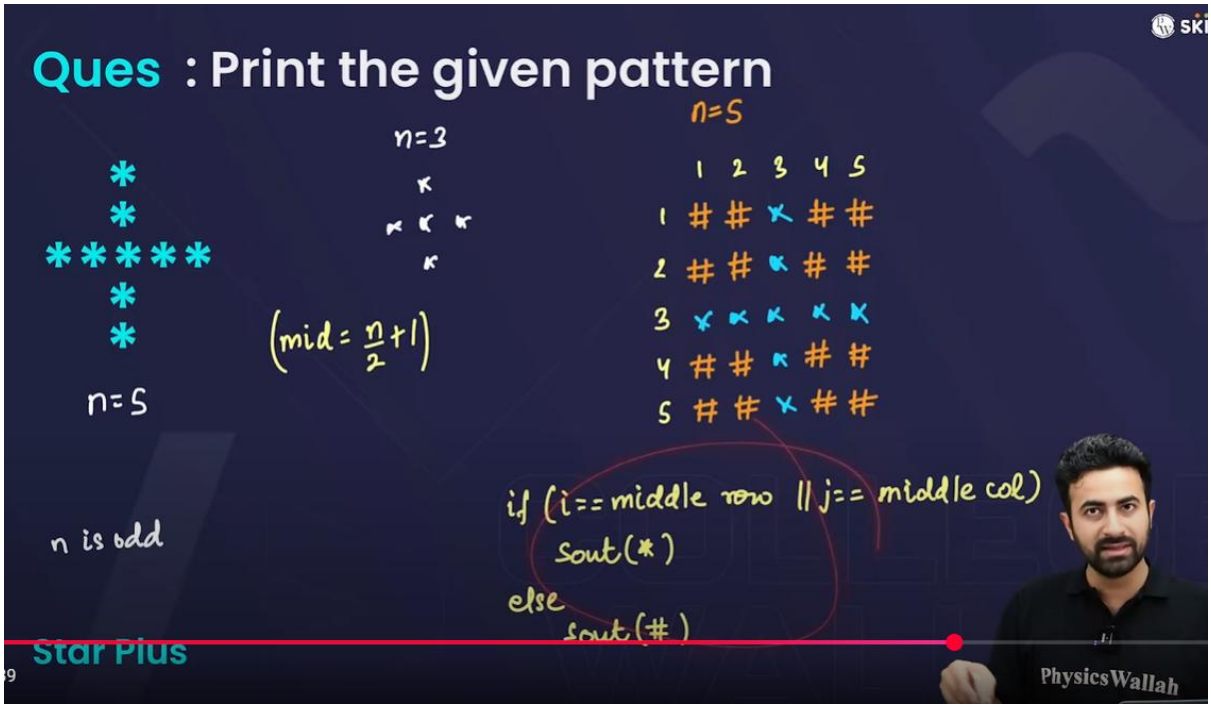

JavaProgrammingCW
src
Pattern_Printing
FloydTriangle
main
StarTriangle.java
OddNumberTriangle.java
FloydTriangle.java
StarTriangleUlta.java
Run:
FloydTriangle
public class FloydTriangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
int a = 1;
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=i;j++){ // cols
System.out.print(a+" ");
if(a<10) System.out.print(" ");
a++;
}
System.out.println();
}
}
}
/Library/Java/JavaVirtualMa
Enter n
5
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
Process finished with exit

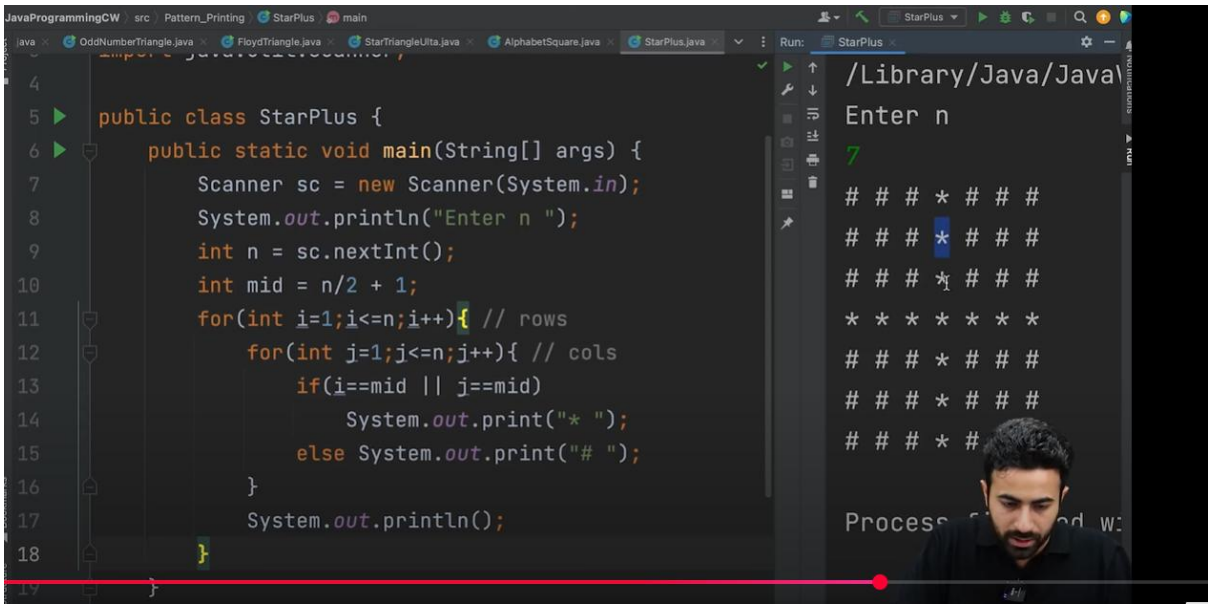

college wallah
SKILLS
*Ques : Print the given pattern
1 2 3 4
1 1
2 0 1
3 1 0 1
4 0 1 0 1
n=4
n=7
1 2 3 4 5 6 7 → j
1 1
2 0 1
3 1 0 1
4 0 1 0 1
5 1 0 1 0 1
6 0 1 0 1 0 1
7 1 0 1 0 1 0 1
↓
i
0 & 1 Triangle
3:02:39
PhysicsWallah

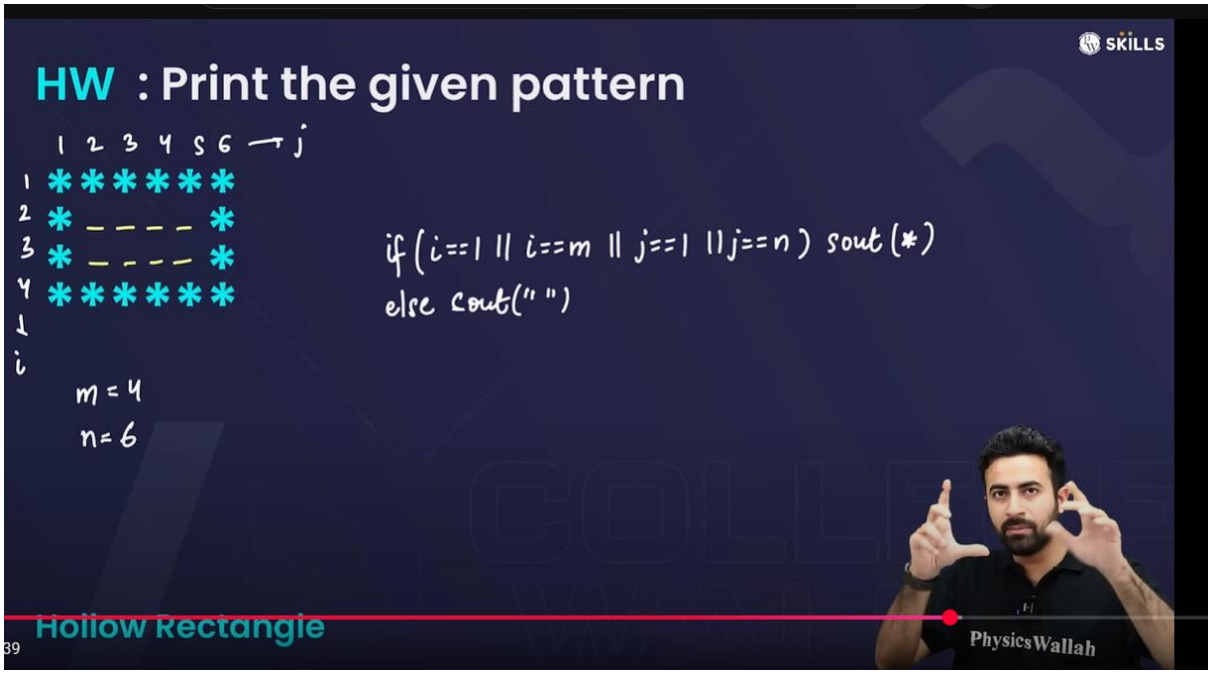

*Ques : Print the given pattern
1 2 3 4
1
0 1
1 0 1
0 1 0 1
n=4
n=7
1 2 3 4 5 6 7 → j
1 1
2 0 1
3 1 0 1
4 0 1 0 1
5 1 0 1 0 1
6 0 1 0 1 0 1
7 1 0 1 0 1 0 1
↓ i
if(i is odd){
if(j is odd) → sout(1)
else sout(0);
}
else{ // i is even
if(j is even) sout(1)
else sout(0)
}
0 & 1 Triangle

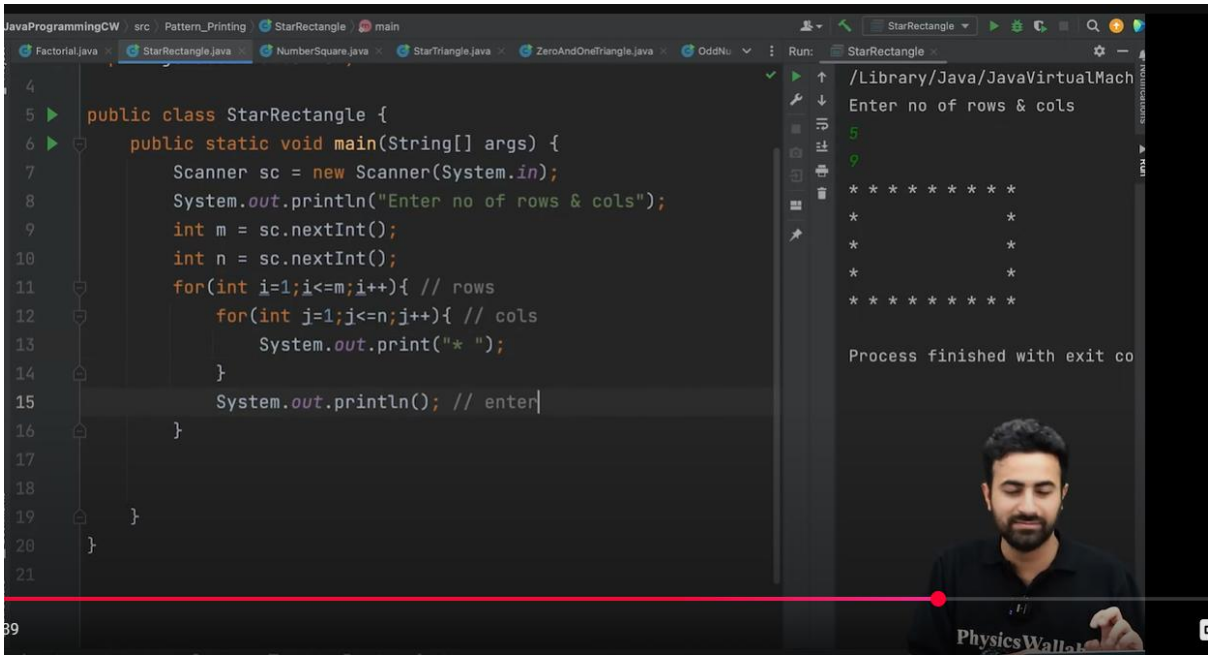

ZeroAndOneTriangle.java
OddNumberTriangle.java
FloydTriangle.java
StarTriangleUlta.java
AlphabetSc
public class ZeroAndOneTriangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=i;j++){ // cols
if(i%2!=0){
if(j%2!=0) System.out.print(1+" ");
else System.out.print(0+" ");
}
else{ // i is even
if(j%2==0) System.out.print(1+" ");
else System.out.print(0+" ");
}
}
System.out.println();
Run: ZeroAndOneTriangle
/Library/Java/JavaVirtu
Enter n
5
1
0 1
1 0 1
0 1 0 1
1 0 1 0 1
Process finished with e

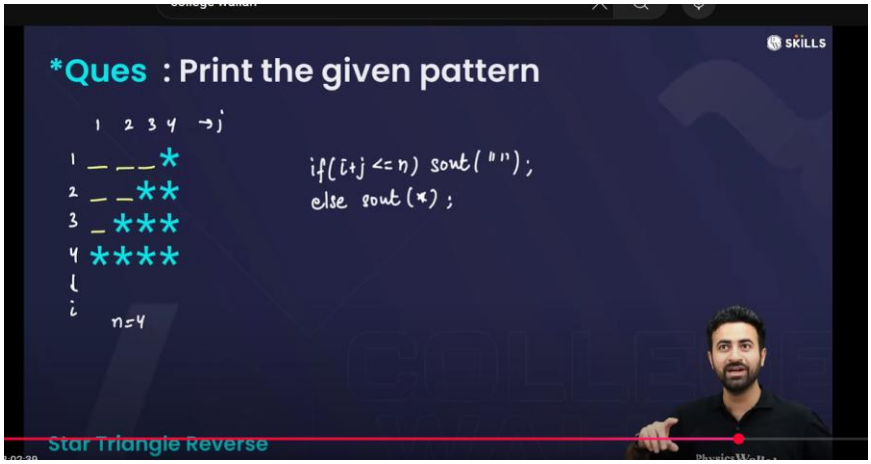

JavaProgrammingCW
src
Pattern_Printing
ZeroAndOneTriangle
main
import java.util.Scanner;
public class ZeroAndOneTriangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=i;j++){ // cols
if((i+j)%2==0) System.out.print(1+" ");
else System.out.print(0+" ");
}
System.out.println();
Run: ZeroAndOneTriangle
/Library/Java/JavaVirtua
Enter n
9
1
0 1
1 0 1
0 1 0 1
1 0 1 0 1
0 1 0 1 0 1
1 0 1 0 1 0 1
0 1 0 1 0 1 0 1
1 0 1 0 1 0 1 0 1
Process fini th ex:

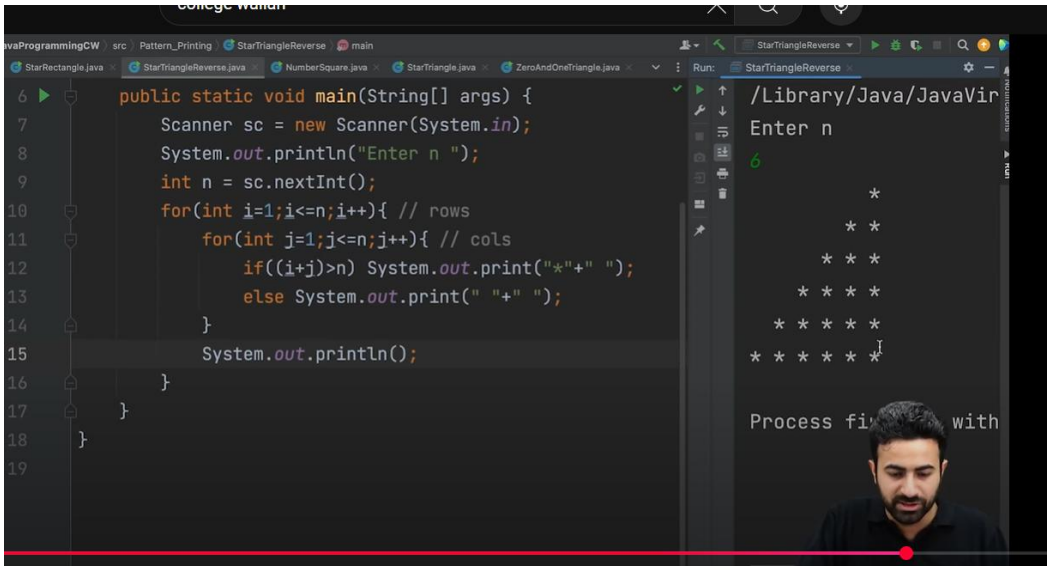

Ques : Print the given pattern
n=3
n=5
n=5
(mid = n/2 + 1)
n is odd
if (i == middle row || j == middle col)
Sout(*)
else
Sout(#)
Star Plus
PhysicsWallah

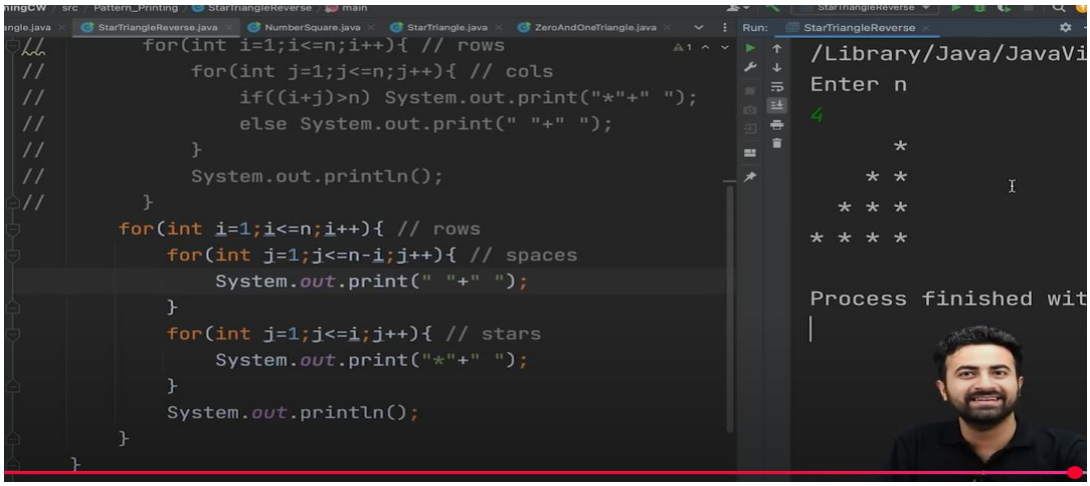

JavaProgrammingCW
src
Pattern_Printing
StarPlus
main
OddNumberTriangle.java
FloydTriangle.java
StarTriangleUlta.java
AlphabetSquare.java
StarPlus.java
Run:
StarPlus
/Library/Java/JavaV
Enter n
7
* # #
* # #
* # #
* * * * * * *
* # #
* # #
* # #
Process
od w
public class StarPlus {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
int mid = n/2 + 1;
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n;j++){ // cols
if(i==mid || j==mid)
System.out.print("* ");
else System.out.print("# ");
}
System.out.println();
}
}

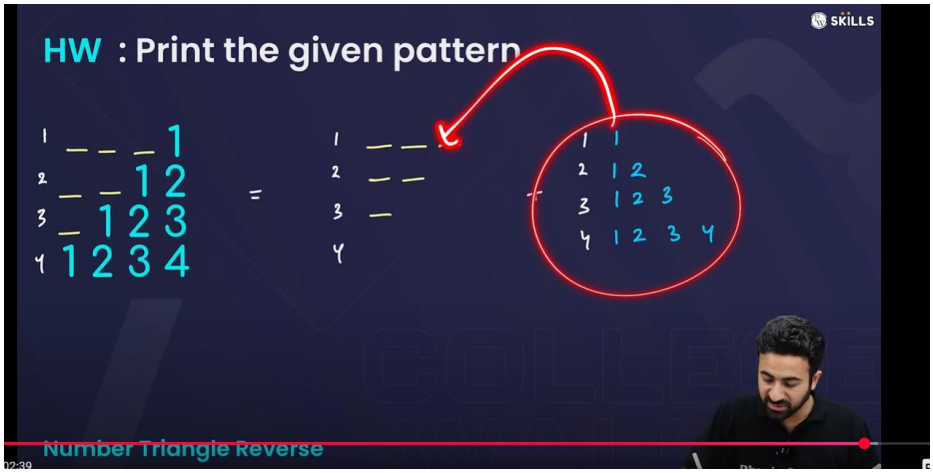

SKILLS
HW : Print the given pattern
1 2 3 4 5 6 → j
1 ******
2 * _ _ _ _ *
3 * _ _ _ _ *
4 ******
i
m = 4
n = 6
if (i==1 || i==m || j==1 ||j==n) sout (*)
else cout(" ")
Hollow Rectangle
39
PhysicsWallah

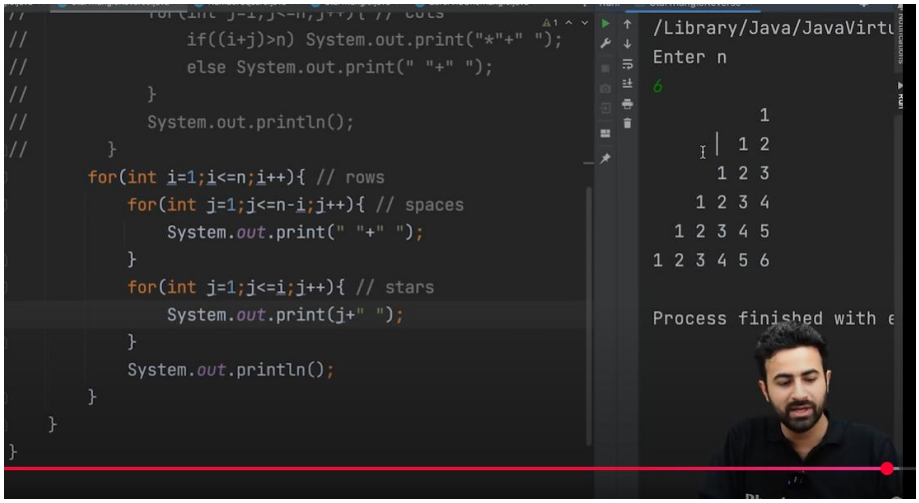

JavaProgrammingCW src Pattern_Printing StarRectangle main
Factorial.java StarRectangle.java NumberSquare.java StarTriangle.java ZeroAndOneTriangle.java
Run: StarRectangle
/Library/Java/JavaVirtualMach
Enter no of rows & cols
5
9
* * * * * * * * *
* *
* *
* *
* * * * * * * * *
Process finished with exit co
public class StarRectangle {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter no of rows & cols");
int m = sc.nextInt();
int n = sc.nextInt();
for(int i=1;i<=m;i++){ // rows
for(int j=1;j<=n;j++){ // cols
System.out.print("* ");
}
System.out.println(); // enter
}
}
}
39
PhysicsWallah

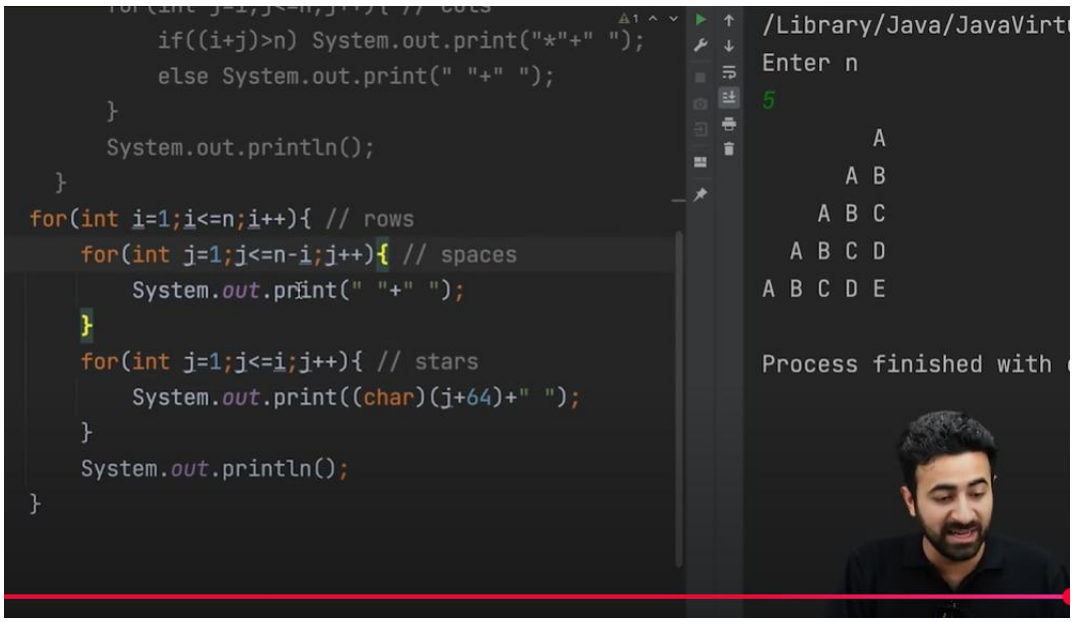

*Ques : Print the given pattern
1 2 3 4 →j
1 _ _ _ *
2 _ _ **
3 _ ***
4 ****
i
n=4
if(i+j <= n) sout(" ");
else sout(*);
Star Triangle Reverse

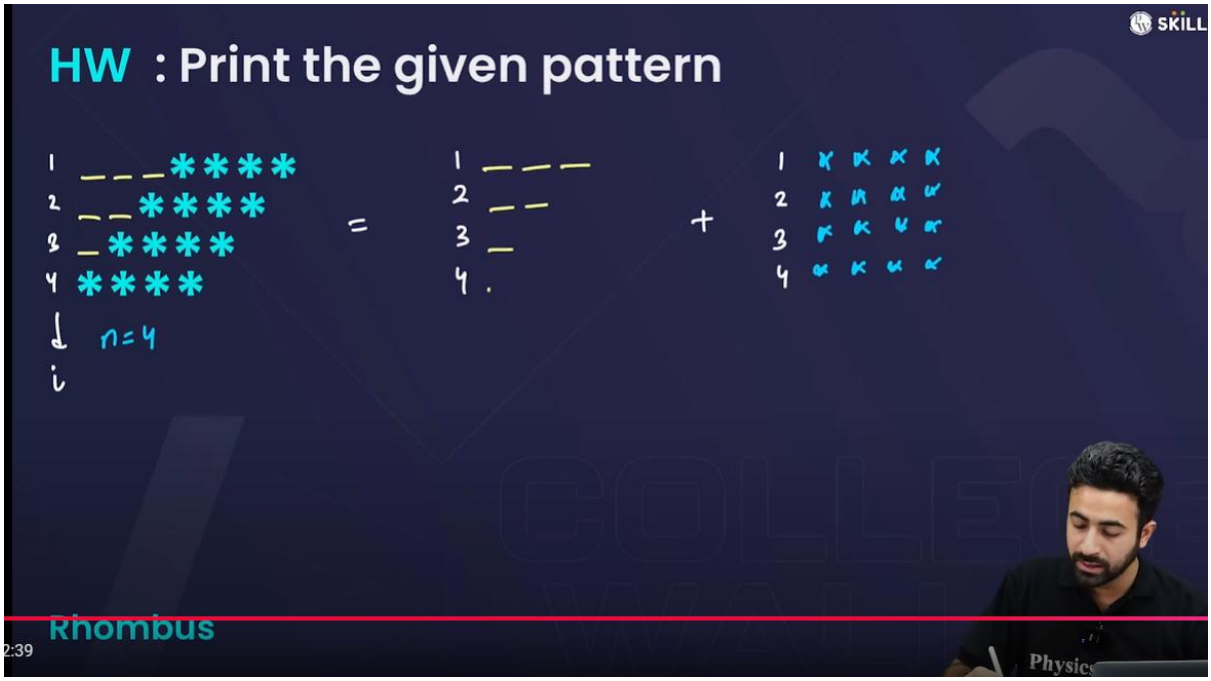

public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n;j++){ // cols
if((i+j)>n) System.out.print("*"+" ");
else System.out.print(" "+" ");
}
System.out.println();
}
}
}
Run: StarTriangleReverse
/Library/Java/JavaVir
Enter n
6
Process fi with

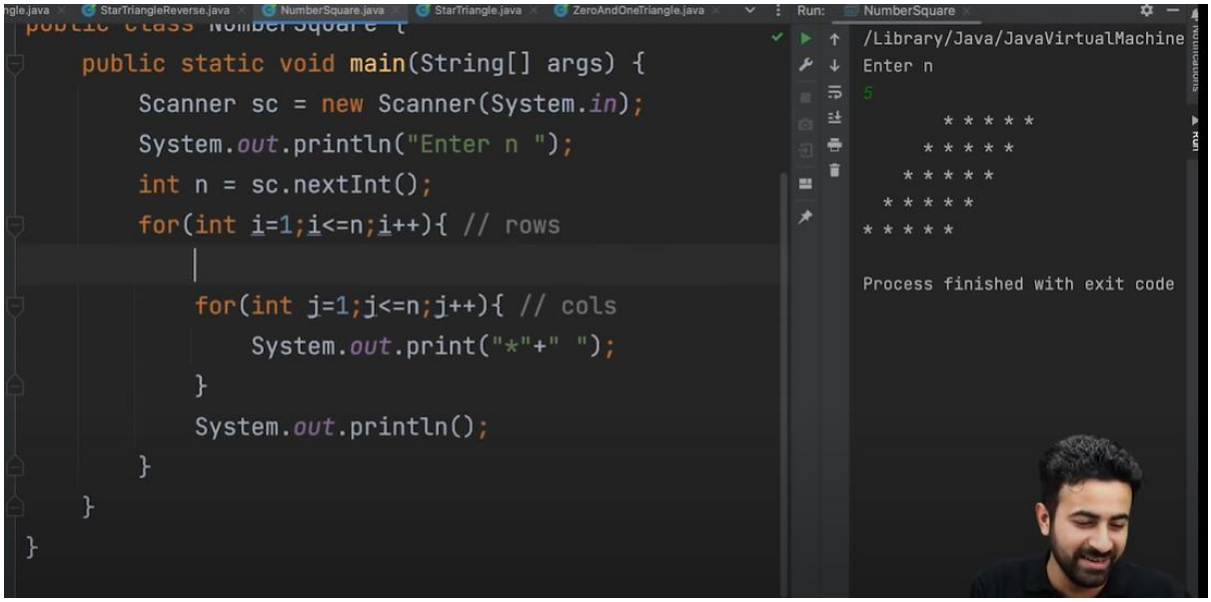

for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n;j++){ // cols
if((i+j)>n) System.out.print("*"+" ");
else System.out.print(" "+" ");
}
System.out.println();
}
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n-i;j++){ // spaces
System.out.print(" "+" ");
}
for(int j=1;j<=i;j++){ // stars
System.out.print("*"+" ");
}
System.out.println();
}
}
Run: StarTriangleReverse
/Library/Java/JavaVi
Enter n
4
Process finished wit

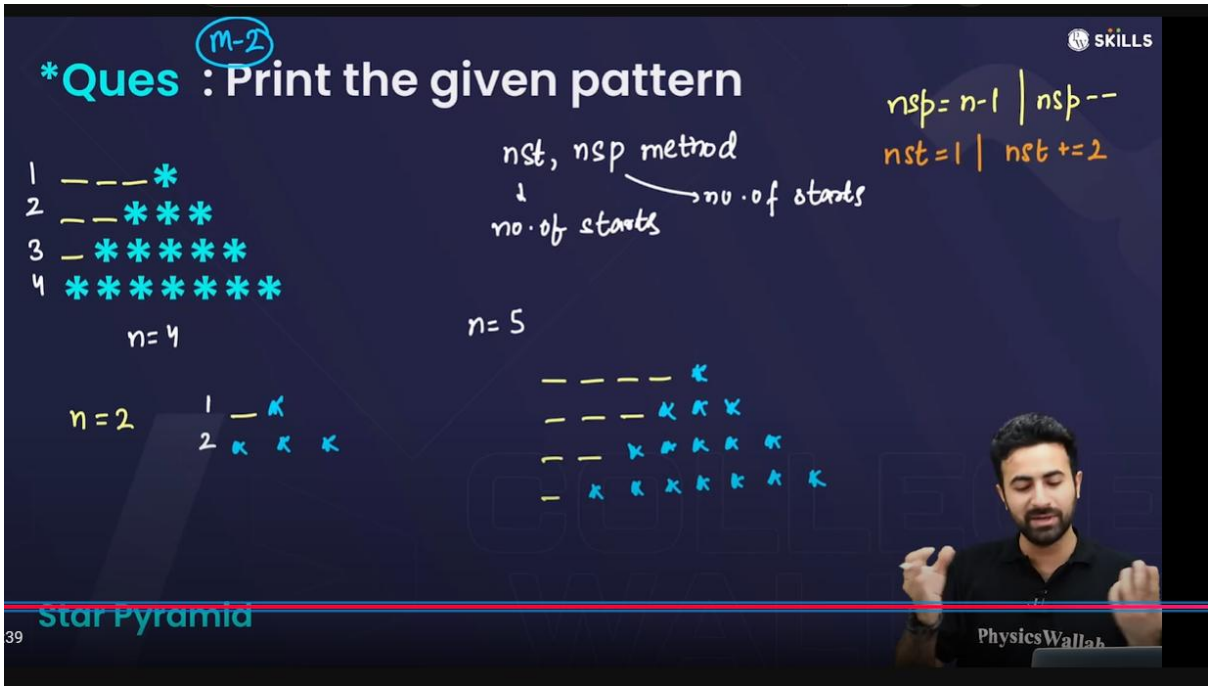

HW : Print the given pattern
Number Triangle Reverse

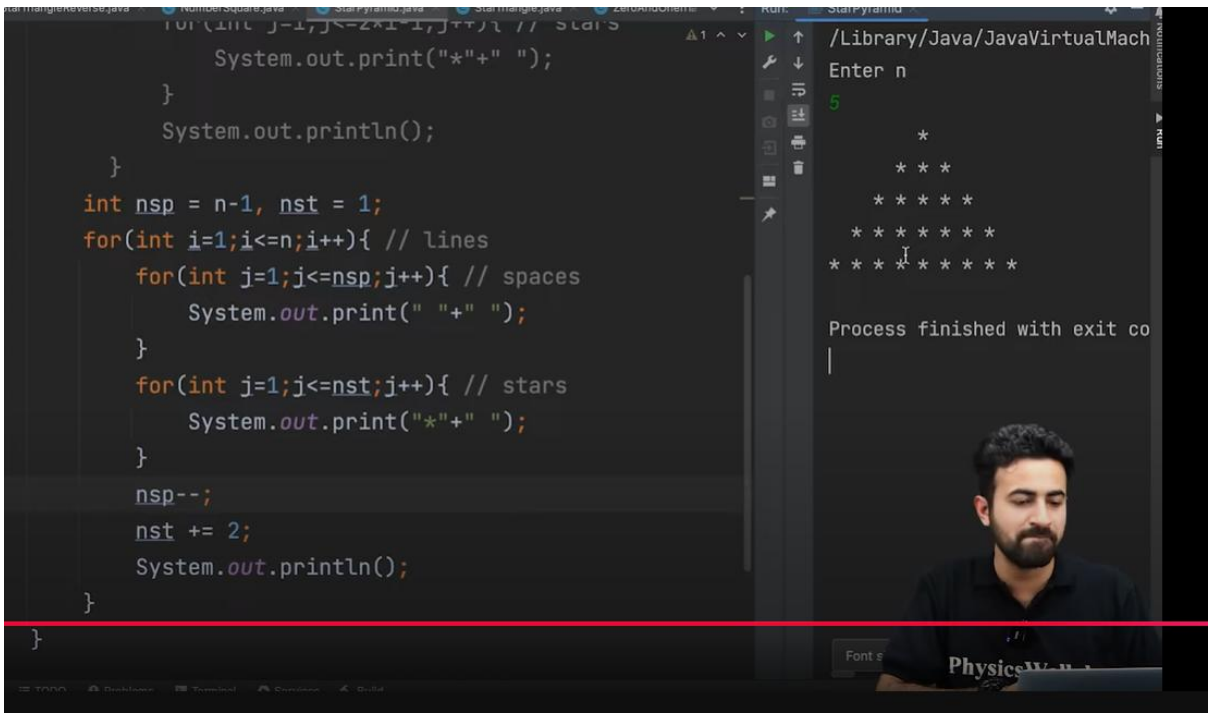

if((i+j)>n) System.out.print("*"+ ");
else System.out.print(" "+ ");
System.out.println();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n-i;j++){ // spaces
System.out.print(" "+ ");
for(int j=1;j<=i;j++){ // stars
System.out.print(j+" ");
System.out.println();
/Library/Java/JavaVirtu
Enter n
6
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
Process finished with e

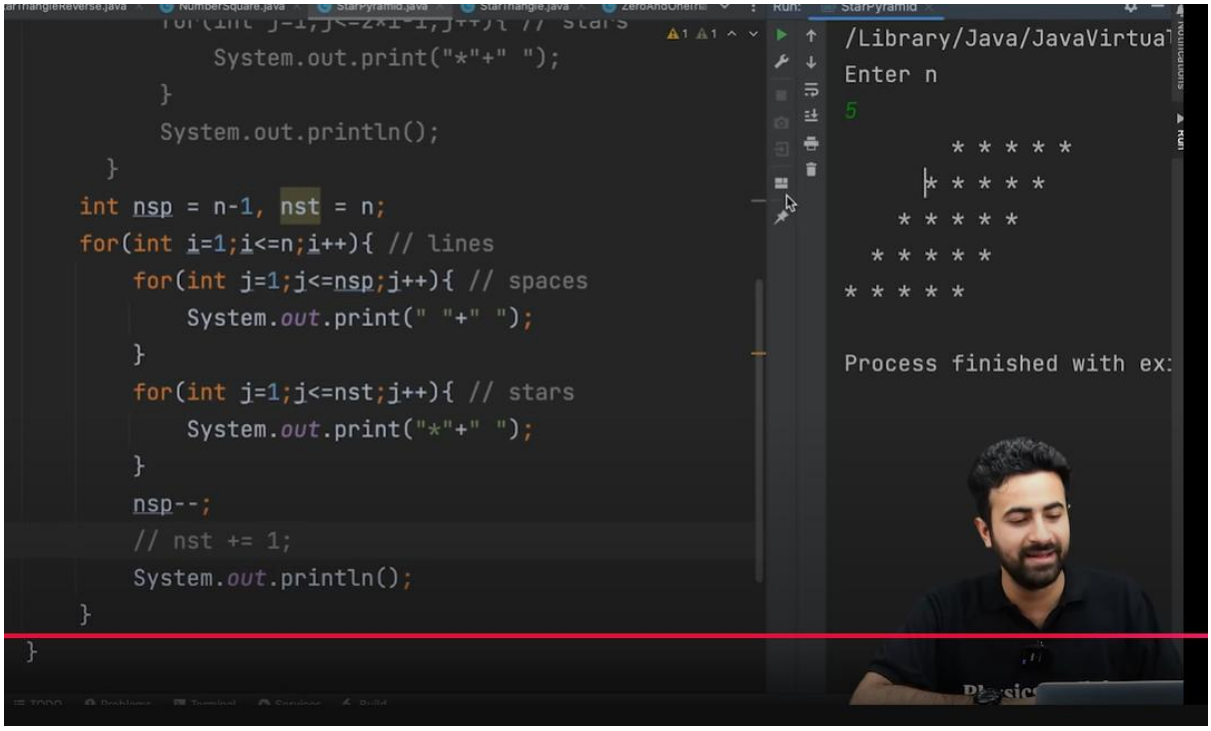

if((i+j)>n) System.out.print("*"+ ");
else System.out.print(" "+ ");
System.out.println();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n-i;j++){ // spaces
System.out.print(" "+ ");
for(int j=1;j<=i;j++){ // stars
System.out.print((char)(j+64)+" ");
System.out.println();
/Library/Java/JavaVirt
Enter n
5
A
A B
A B C
A B C D
A B C D E
Process finished with

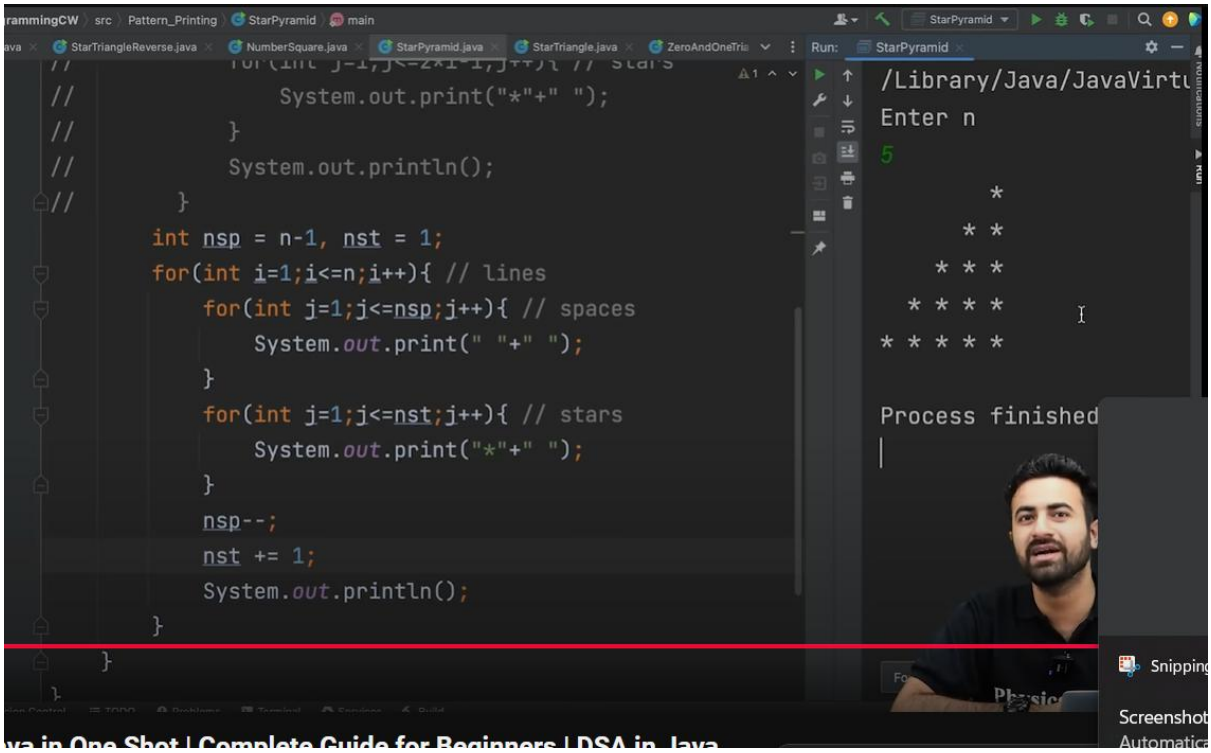

SKILL
HW : Print the given pattern
1 _ _ _ * * * *
2 _ _ * * * *
3 _ * * * *
4 * * * *
=
1 _ _ _
2 _ _
3 _
4 .
+
1 x x x x
2 x x x x
3 x x x x
4 x x x x
n=4
i
Rhombus
2:39

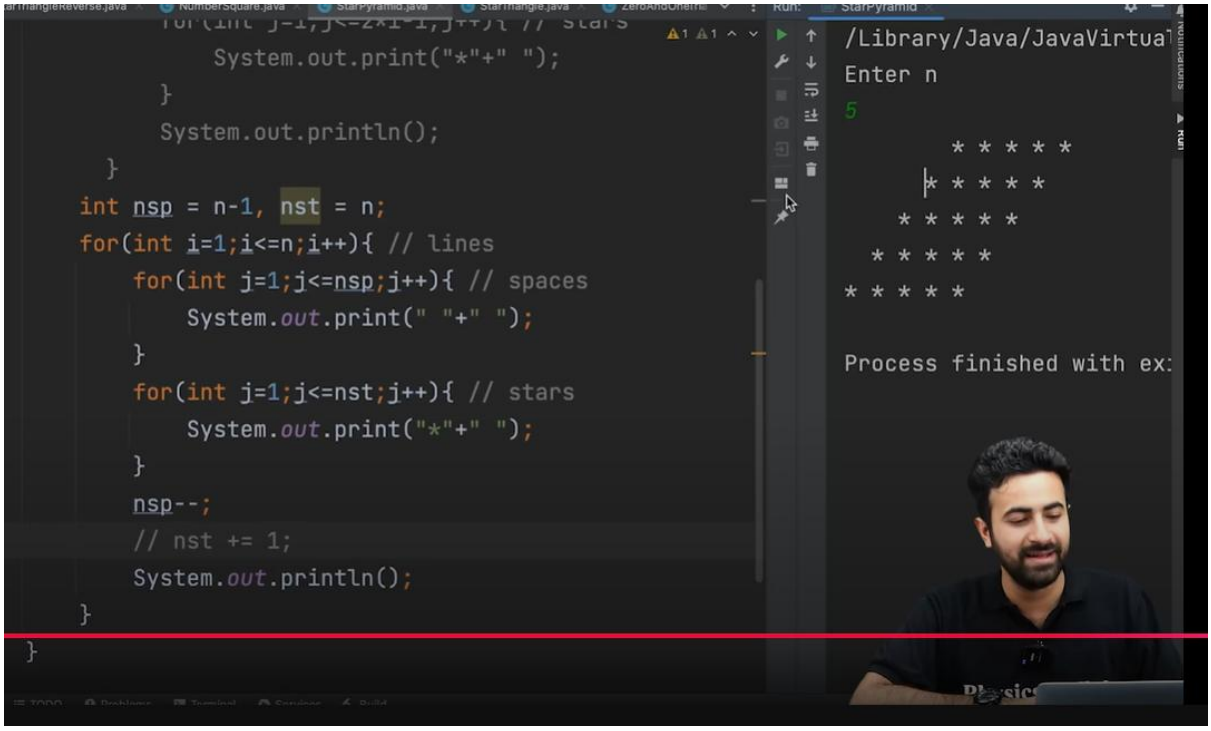

StarTriangleReverse.java
NumberSquare.java
StarTriangle.java
ZeroAndOneTriangle.java
public class NumberSquare {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter n ");
int n = sc.nextInt();
for(int i=1;i<=n;i++){ // rows
for(int j=1;j<=n;j++){ // cols
System.out.print("*"+" ");
}
System.out.println();
}
}
}
Run: NumberSquare
/Library/Java/JavaVirtualMachine
Enter n
5
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
Process finished with exit code

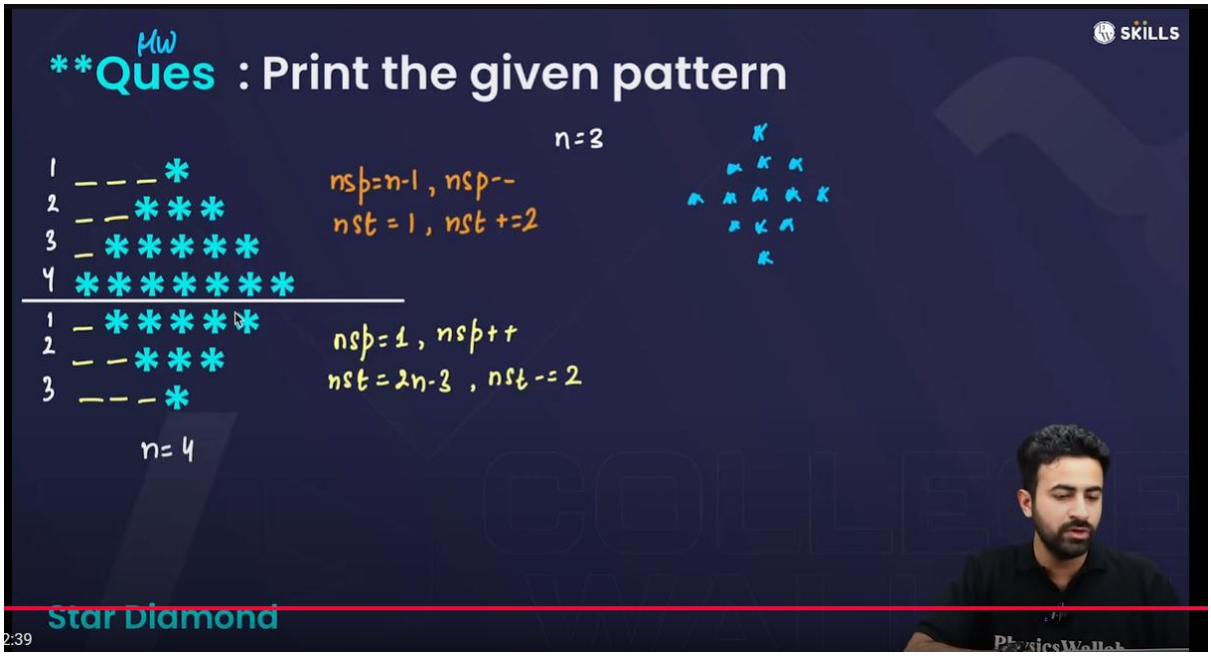

SKILLS
*Ques : Print the given pattern
M-2
nsp= n-1 | nsp--
nst=1 | nst +=2
nst, nsp method
no. of starts
no. of starts
n=4
n=5
n=2
Star Pyramid
39
PhysicsWallah

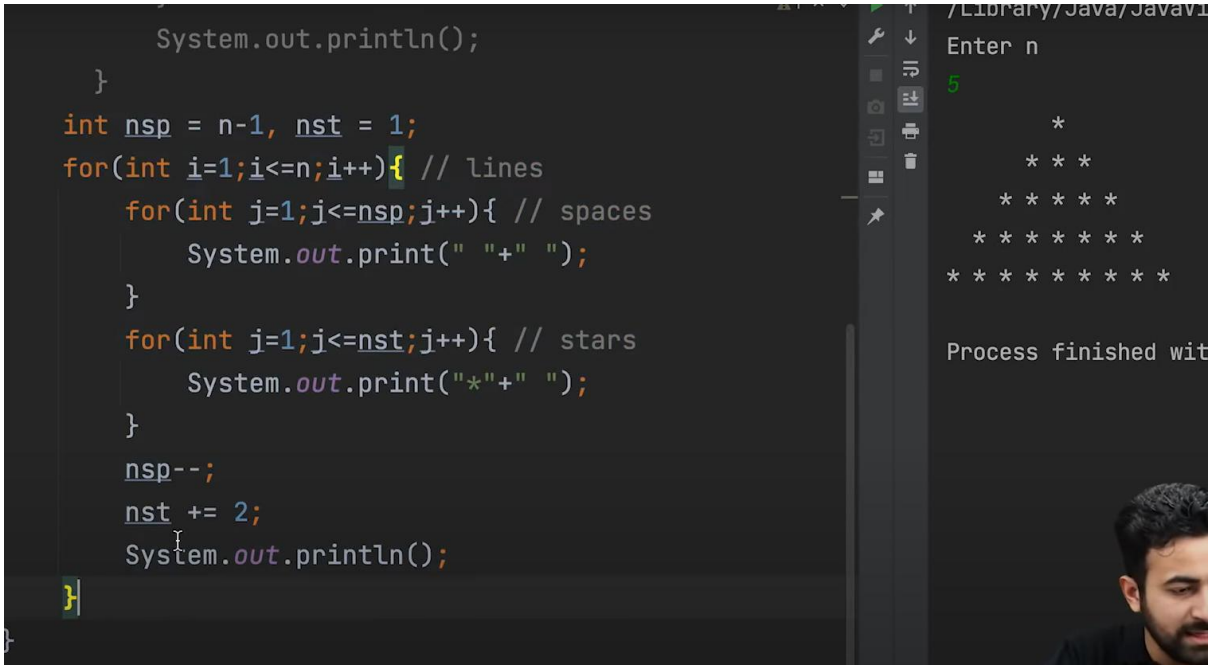

System.out.print("*"+" ");
System.out.println();
int nsp = n-1, nst = 1;
for(int i=1;i<=n;i++){ // lines
for(int j=1;j<=nsp;j++){ // spaces
System.out.print(" "+" ");
for(int j=1;j<=nst;j++){ // stars
System.out.print("*"+" ");
nsp--;
nst += 2;
System.out.println();
/Library/Java/JavaVirtualMach
Enter n
5
Process finished with exit co
PhysicsWallah

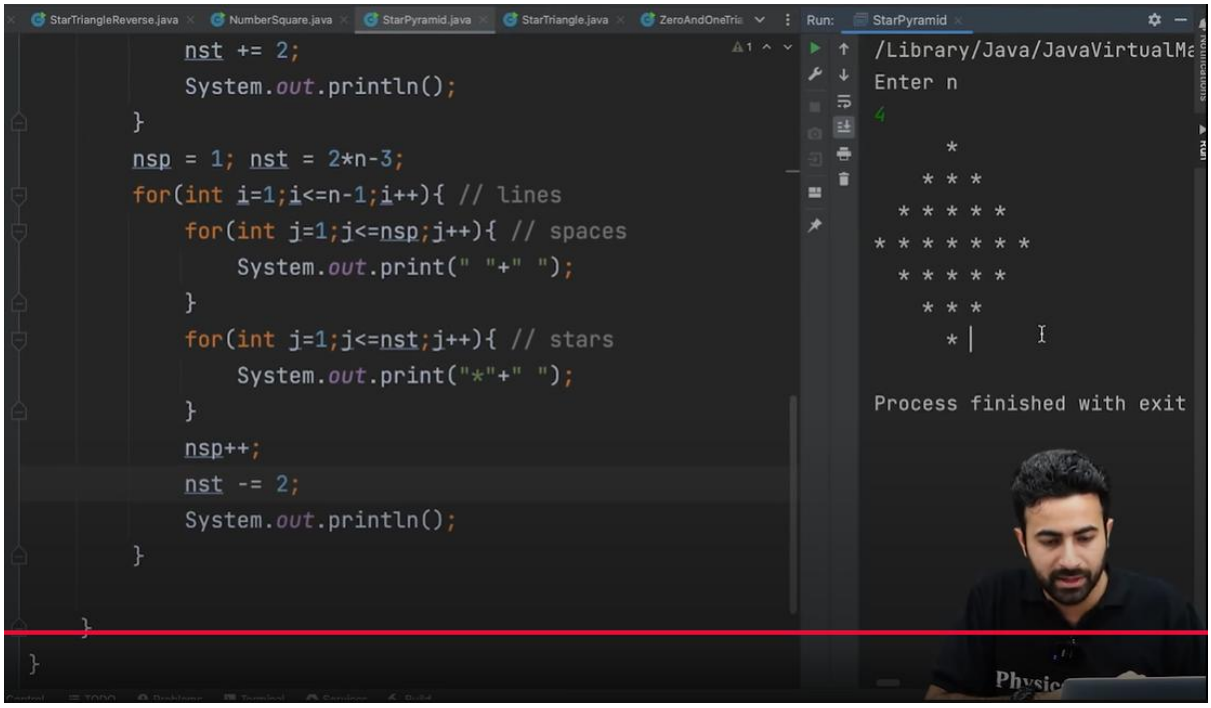

System.out.print("*"+ ");
System.out.println();
int nsp = n-1, nst = n;
for(int i=1;i<=n;i++){ // lines
for(int j=1;j<=nsp;j++){ // spaces
System.out.print(" "+ ");
for(int j=1;j<=nst;j++){ // stars
System.out.print("*"+ ");
nsp--;
// nst += 1;
System.out.println();
/Library/Java/JavaVirtua
Enter n
5
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
Process finished with ex


StarPyramid
StarTriangleReverse.java
NumberSquare.java
StarPyramid.java
StarTriangle.java
ZeroAndOneTri
Run:
System.out.print("*"+ ");
System.out.println();
int nsp = n-1, nst = 1;
for(int i=1;i<=n;i++){ // lines
for(int j=1;j<=nsp;j++){ // spaces
System.out.print(" "+ ");
for(int j=1;j<=nst;j++){ // stars
System.out.print("*"+ ");
nsp--;
nst += 1;
System.out.println();
/Library/Java/JavaVirtu
Enter n
5
*
* *
* * *
* * * *
* * * * *
Process finished
Snipping
Screenshot


System.out.print("*"+ ");
System.out.println();
int nsp = n-1, nst = n;
for(int i=1;i<=n;i++){ // lines
for(int j=1;j<=nsp;j++){ // spaces
System.out.print(" "+ ");
for(int j=1;j<=nst;j++){ // stars
System.out.print("*"+ ");
nsp--;
// nst += 1;
System.out.println();
/Library/Java/JavaVirtua
Enter n
5
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
Process finished with ex


SKILLS
**Ques : Print the given pattern
n=3
nsp=n-1 , nsp--
nst = 1 , nst +=2
nsp=1 , nsp++
nst=2n-3 , nst-=2
n=4
Star Diamond


System.out.println();
}
int nsp = n-1, nst = 1;
for(int i=1;i<=n;i++){ // lines
for(int j=1;j<=nsp;j++){ // spaces
System.out.print(" "+" ");
}
for(int j=1;j<=nst;j++){ // stars
System.out.print("*"+" ");
}
nsp--;
nst += 2;
System.out.println();
}
}
/Library/Java/JavaVi
Enter n
5
*
* * *
* * * * *
* * * * * * *
* * * * * * * * *
Process finished wit


StarTriangleReverse.java
NumberSquare.java
StarPyramid.java
StarTriangle.java
ZeroAndOneTria
nst += 2;
System.out.println();
}
nsp = 1; nst = 2*n-3;
for(int i=1;i<=n-1;i++){ // lines
for(int j=1;j<=nsp;j++){ // spaces
System.out.print(" "+" ");
}
for(int j=1;j<=nst;j++){ // stars
System.out.print("*"+" ");
}
nsp++;
nst -= 2;
System.out.println();
}
}
}
Run:
StarPyramid
/Library/Java/JavaVirtualMa
Enter n
4
*
* * *
* * * * *
* * * * * * *
* * * * *
* * *
*
Process finished with exit