**Print the shapes**

import java.util.Scanner;

public class PrintShape {

public static void main(String[] args) {

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int number;

Scanner scanner = new Scanner(System.in);

System.out.print("Enter your number: ");

number = scanner.nextInt();

int k = 1;

while(k <= number) {

for(int i = 1; i <= k; i++) System.out.print("\* ");

System.out.println();

k++;

}

System.out.println();

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while(number >= 1) {

for(int j = 1; j <= number; j++) System.out.print("\* ");

System.out.println();

number--;

}

System.out.println();

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int k1 = 1;

while(k1 <= 5) {

for(int i = 1; i <= 5 - k1; i++) System.out.print(" ");

for(int j = 1; j <= k1; j++) System.out.print("\* ");

System.out.println();

k1++;

}

System.out.println();

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int number1 = 5;

while(1 <= number1) {

for(int i = 1; i <= number1; i++) System.out.print("\* ");

System.out.println();

number1--;

}

System.out.println();

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

int k2 = 1;

while(k2 <= 5) {

for(int i = 1; i <= k2; i++) System.out.print(i+" ");

System.out.println();

k2++;

}

}}