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//COSC1430-001

//Project#4

//Due Date: 3/22/22

//This program will be showing an output of a diamond made from asterisks using the for statement.

public class DiamondOfAsterisks {

public static void main(String[] args) {

for (int i = 1; i <= 4; i++) {

for (int j = 1; j <= 5 - i; j++) {

System.out.print(" ");

}

for (int k = 1; k <= i \* 2 - 1; k++) {

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

}

System.out.println();

}

for (int i = 5; i >= 1; i--) {

for (int j = 1; j <= 5 - i; j++) {

System.out.print(" ");

}

for (int k = 1; k <= i \* 2 - 1; k++) {

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

}

System.out.println();

}

}

}