Using the following code snippet and the file Assign3Q4.java, use a for loop to draw the following shapes to the screen omitting the i), ii), iii) etc.

ANSWER

public class Assign3Q4 {

public static void main(String args[]) {

// i)

for (int i = 0; i < 3; i++) {

for (int j = 0; j < 20; j++) {

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

}

System.out.println();

}

// ii)

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

for (int j = 0; j < i; j++) {

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

}

System.out.println();

}

// iii)

for (int i = 0; i < 4; i++) {

for (int j = 0; j < 4 - i; j++) {

System.out.print(" ");

}

for (int k = 0; k <= i; k++) {

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

}

System.out.println();

}

// iv)

for (int i = 0; i < 4; i++) {

for (int j = 0; j < i; j++) {

System.out.print(" ");

}

for (int k = 0; k < 4 - i; k++) {

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

}

System.out.println();

}

// v)

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

for (int j = 0; j < 5 - i; j++) {

System.out.print(" ");

}

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

System.out.print(i);

}

System.out.println();

}

// vi)

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

for (int j = 0; j < 5 - i; j++) {

System.out.print(" ");

}

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

System.out.print(k);

}

for (int l = 2; l <= i; l++) {

System.out.print(l);

}

System.out.println();

}

}

}