Star Patterns Programs in Java

Pattern	Logic

*
**
***
****
*****
	int n = 5;
	for (int i = 1; i <= n; i++) {
	for (int j = 1; j <= i; j++) {
	System.out.print("*");
	}
	System.out.println();
	}

*****
****
***
**
*
	int n = 5;
	for (int i = n; i >= 1; i--) {
	for (int j = 1; j <= i; j++) {
	System.out.print("*");
	}
	System.out.println();
	}

*****
* *
* *
* *
*****
	int n = 5;
	for (int i = 1; i <= n; i++) {
	for (int j = 1; j <= n; j++) {
	if (i == 1 || i == n || j == 1
	|| j == n) {
	System.out.print("*");
	} else {
	System.out.print(" ");
	}
	}
	System.out.println();
	}

Pattern	Logic

	`int n = 5;`
	`for (int i = 1; i <= n; i++) {`
	`  for (int j = i; j < n; j++) {`
	`  System.out.print(" ");`
	`  }`
	`  for (int j = 1; j <= (2 * i - 1);`
	`  j++) {`
	`  System.out.print("*");`
	`  }`
	`  System.out.println();`
	`}`
	`for (int i = n - 1; i >= 1; i--) {`
	`  for (int j = i; j < n; j++) {`
	`  System.out.print(" ");`
	`  }`
	`  for (int j = 1; j <= (2 * i - 1);`
	`  j++) {`
	`  System.out.print("*");`
	`  }`
	`  System.out.println();`
	`}`

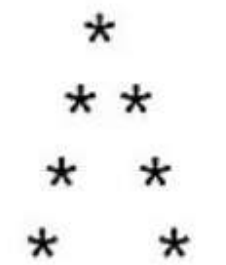
	`int n = 5;`
	`for (int i = n; i >= 1; i--) {`
	`  for (int j = i; j < n; j++) {`
	`  System.out.print(" ");`
	`  }`
	`  for (int j = 1; j <= (2 * i - 1);`
	`  j++) {`
	`  System.out.print("*");`
	`  }`
	`  System.out.println();`
	`}`

Pattern	Logic

	`int n = 5;`
	`for (int i = 1; i <= n; i++) {`
	`  // Print spaces`
	`  for (int j = i; j < n; j++) {`
	`  System.out.print(" ");`
	`  }`
	`  // Print stars`
	`  for (int j = 1; j <= (2 * i - 1);`
	`  j++) {`
	`  System.out.print("*");`
	`  }`
	`  System.out.println();`
	`}`

	`int n = 5;`
	`for (int i = 1; i <= n; i++) {`
	`  for (int j = 1; j <= i; j++) {`
	`  System.out.print("*");`
	`  }`
	`  System.out.println();`
	`}`
	`for (int i = n - 1; i >= 1; i--) {`
	`  for (int j = 1; j <= i; j++) {`
	`  System.out.print("*");`
	`  }`
	`  System.out.println();`
	`}`

Pattern	Logic

	`int n = 5;`
	`for (int i = 1; i <= n; i++) {`
	`  for (int j = i; j < n; j++) {`
	`  System.out.print(" ");`
	`  }`
	`  for (int j = 1; j <= (2 * i - 1);`
	`  j++) {`
	`  if (j == 1 || j == (2 * i - 1)`
	`  || i == n) {`
	`  System.out.print("*");`
	`  } else {`
	`  System.out.print(" ");`
	`  }`
	`  }`
	`}`

	`int n = 5;`
	`for (int i = 1; i <= n; i++) {`
	`  for (int j = 1; j <= n; j++) {`
	`  if (j == i || j == n - i +`
	`  1) {`
	`  System.out.print("*");`
	`  } else {`
	`  System.out.print(" ");`
	`  }`
	`  }`
	`  System.out.println();`
	`}`

Pattern	Logic

	`int n = 6;`
	`for (int i = n / 2; i <= n;`
	`i += 2) {`
	`  for (int j = 1; j < n - i;`
	`  j += 2) {`
	`  System.out.print(" ");`
	`  }`
	`  for (int j = 1; j <= i;`
	`  j++) {`
	`  System.out.print("*");`
	`  }`
	`  for (int j = 1; j <= n - i;`
	`  j++) {`
	`  System.out.print(" ");`
	`  }`
	`  for (int j = 1; j <= i;`
	`  j++) {`
	`  System.out.print("*");`
	`  }`
	`  System.out.println();`
	`}`
	`for (int i = n; i >= 1; i--) {`
	`  for (int j = i; j < n; j++) {`
	`  System.out.print(" ");`
	`  }`
	`  for (int j = 1; j <= (i * 2)`
	`  - 1; j++) {`
	`  System.out.print("*");`
	`  }`
	`  System.out.println();`
	`}`

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