



Main.java

```
1 interface Printable {  
2     void print();  
3 }  
4  
5 class Document implements Printable {  
6     public void print() {  
7         System.out.println("Printing a document...");  
8     }  
9 }  
10  
11 public class Main {  
12     public static void main(String[] args) {  
13         Document doc = new Document();  
14         doc.print(); // Output: Printing a document...  
15     }  
16 }
```





Main.java

```
1 interface Vehicle {
2     void start();
3     void stop();
4 }
5
6
7 // Car class implementing the Vehicle interface
8 class Car implements Vehicle {
9     @Override
10    public void start() {
11        System.out.println("Car has started.");
12    }
13
14    @Override
15    public void stop() {
16        System.out.println("Car has stopped.");
17    }
18 }
19
20 // Main class to test the Vehicle interface and Car class
21 public class Main {
22    public static void main(String[] args) {
23        Car myCar = new Car();
24        myCar.start();
25        myCar.stop();
26    }
27 }
```



Main.java

build.gradle



42kahkrmx



```
1 ▾ interface Utility {  
2 ▾     static void printMessage(String message) {  
3         System.out.println(message);  
4     }  
5 }  
6 ▾ public class Main {  
7 ▾     public static void main(String[] args) {  
8         Utility.printMessage("Hello, World!");  
9     }  
10 }
```



Google Chrome isn't your default browser

Set as default



OneCompiler



EDITOR

STUDIO

CHALLENGES

ORG

HollowSquarePattern.java



42kaghdx4



NEW

JAVA

```
1 public class HollowSquarePattern {
2     public static void main(String[] args) {
3         int size = 5;
4         for (int i = 0; i < size; i++) {
5             System.out.print("*");
6         }
7         System.out.println();
8         for (int i = 1; i < size - 1; i++) {
9             System.out.print("*");
10            for (int j = 1; j < size - 1; j++) {
11                System.out.print(" ");
12            }
13            System.out.print("*");
14            System.out.println();
15        }
16        for (int i = 0; i < size; i++) {
17            System.out.print("*");
18        }
19        System.out.println();
20    }
21 }
```

STDIN

Input for the program (Optional)

Output:

```
*****
*   *
*   *
*   *
*****
```

NumberPattern.java

42kaghdx4 

NEW

JA

```
public class NumberPattern {  
    public static void main(String[] args) {  
        int rows = 5; // number of rows  
  
        for (int i = 1; i <= rows; i++) {  
            for (int j = 1; j <= i; j++) {  
                System.out.print(j + " ");  
            }  
            System.out.println();  
        }  
    }  
}
```

STDIN

Input for the program (Optional)

Output:

```
1  
1 2  
1 2 3  
1 2 3 4  
1 2 3 4 5
```