

JAVA EXAMPLES - METHOD OVERLOADING

http://www.tutorialspoint.com/javaexamples/method_overloading.htm

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Problem Description:

How to overload methods ?

Solution:

This example displays the way of overloading a method depending on type and number of parameters.

```
class MyClass {
    int height;
    MyClass() {
        System.out.println("bricks");
        height = 0;
    }
    MyClass(int i) {
        System.out.println("Building new House that is "
            + i + " feet tall");
        height = i;
    }
    void info() {
        System.out.println("House is " + height
            + " feet tall");
    }
    void info(String s) {
        System.out.println(s + ": House is "
            + height + " feet tall");
    }
}

public class MainClass {
    public static void main(String[] args) {
        MyClass t = new MyClass(0);
        t.info();
        t.info("overloaded method");
        //Overloaded constructor:
        new MyClass();
    }
}
```

Result:

The above code sample will produce the following result.

```
Building new House that is 0 feet tall.
House is 0 feet tall.
Overloaded method: House is 0 feet tall.
bricks
```