

# OOP Skeleton Code

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## ExampleClass.java

```
// File ExampleClass.java
public class ExampleClass
{
    // instance variables
    private int instanceInt;
    private String instanceString;
    private char instanceChar;
    private boolean instanceBoolean;

    // default no-args constructor
    public ExampleClass()
    {
        instanceInt = 0;
        instanceString = "default";
        instanceChar = '*';
        instanceBoolean = false;
    }

    // initialization constructor
    public ExampleClass(int myInt, String myString,
                        char myChar, boolean myBoolean)
    {
        instanceInt = myInt;
        instanceString = myString;
        instanceChar = myChar;
        instanceBoolean = myBoolean;
    }

    // getter - make one for each instance variable
    public int getInstanceInt()
    {
        return instanceInt;
    }

    // setter - make one for each instance variable
    public void setInstanceInt(int myInt)
    {
        instanceInt = myInt;
    }

    // <other getters/setters for the remaining instance variables>

    // example method
    public void exampleMethod(String printMe)
    {
        System.out.println(printMe);
    }
}
```

## ExampleClassRunner.java

```
// File ExampleClassRunner.java
public class ExampleClassRunner
{
    // main method - entry point for your program
    public static void main(String[] args)
    {
        // Create an ExampleClass object with the no-args constructor
        ExampleClass exampleObject = new ExampleClass();

        // Call a few methods and print some values
        System.out.print("Calling object's instanceInt getter: ");
        System.out.println(exampleObject.getInstanceInt());

        System.out.println("Calling object's instanceInt setter");
        exampleObject.setInstanceInt(5);

        System.out.print("Calling object's instanceInt getter: ");
        System.out.println(exampleObject.getInstanceInt());

        System.out.print("Calling object's exampleMethod: ");
        exampleObject.exampleMethod("Printy print!");
    }
}
```

## Output

```
Calling object's instanceInt getter: 0
Calling object's instanceInt setter
Calling object's instanceInt getter: 5
Calling object's exampleMethod: Printy print!
```