Assignment 1

• To the HTTP server created during previous practicals, add management over JMX
  – changing the serving directory
  – returning a list, which scripts (Scripting API) the server supports
  – stopping the server
    • the program runs but does not server requests
  – re-launching
  – information about the state (running/stopped)
  – shutting down the server
    • ending the program
Assignment 2

• Create a simple framework for generating forms (a Swing JPanel with other elements) from classes

```java
public class FormPanel<T> extends JPanel {
    public FormPanel(Class<T> clazz) {
    }
    void setObjectValues(T obj) {
    }
    void gettObjectValues(T obj) {
    }
}
```
Assignment 2

• A class to be shown in the form
  - elements for all boolean and String fields
  - the fields can be annotated how the field should be shown in the form

```java
public class TestData {
    @FormField(name="User name", kind=FieldKind.TEXT)
    String name;

    @FormField(name="User password",
                kind=FieldKind.PASSWORD)
    String password;

    boolean active;
}
```
Assignment 2

- Create the classes FormPanel and annotations FormField