

Building ToDo app Session

Annotation `SessionAttributes` is used to create and manage session in java.

```
@Controller
@SessionAttributes("name")
public class LoginController {

    @Autowired
    private LoginService loginService;

    @RequestMapping(value = "/login", method = RequestMethod.GET)
    public String loginMessage(ModelMap modelMap) {
        return "login";
    }

    @RequestMapping(value = "/login", method = RequestMethod.POST)
    public String showWelcomePage(ModelMap modelMap, @RequestParam
String name, @RequestParam String password) {
        boolean isValidUser = loginService.validateUser(name,
password);
        if (!isValidUser) {
            modelMap.put("errorMessage", "Invalid
credentials");
            return "login";
        }
        modelMap.put("name", name);
        modelMap.put("password", password);
        return "welcome";
    }
}
```

```
@Controller
@SessionAttributes("name")
public class TodoController {

    @Autowired
    private TodoService todoService;

    @RequestMapping(value = "/list-todos", method =
RequestMethod.GET)
    public String showTodos(ModelMap modelMap) {
        String name = (String) modelMap.get("name");
        modelMap.put("todos", todoService.listTodo(name));
        return "list-todos";
    }
}
```

Note that `SessionAttributes` at the top of the class

```
<html>
    <head>
        <title>First web application</title>
```

```
</head>

<body>
  Here are the list of your todos:
  ${todos}
  <br>
  You logged in as :
  ${name}
</body>
</html>
```