

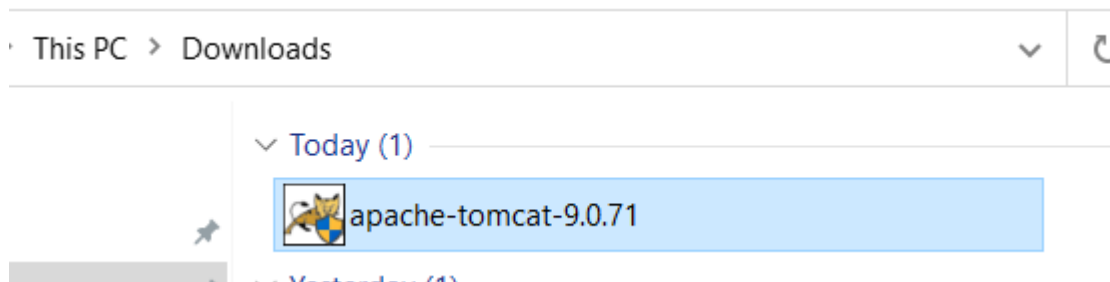
### **Donnée:**

- 1- Téléchargez et installez le serveur Web Apache Tomcat
- 2- Implémentez une Servlet qui affiche: Bonjour votre nom et prenom
- 3- Compilez votre Servlet
- 4- Déployez votre servlet et testez-là à partir d'un browser
- 4- Créez une page html qui contient un lien vers votre Servlet
- 5- re-testez de nouveau

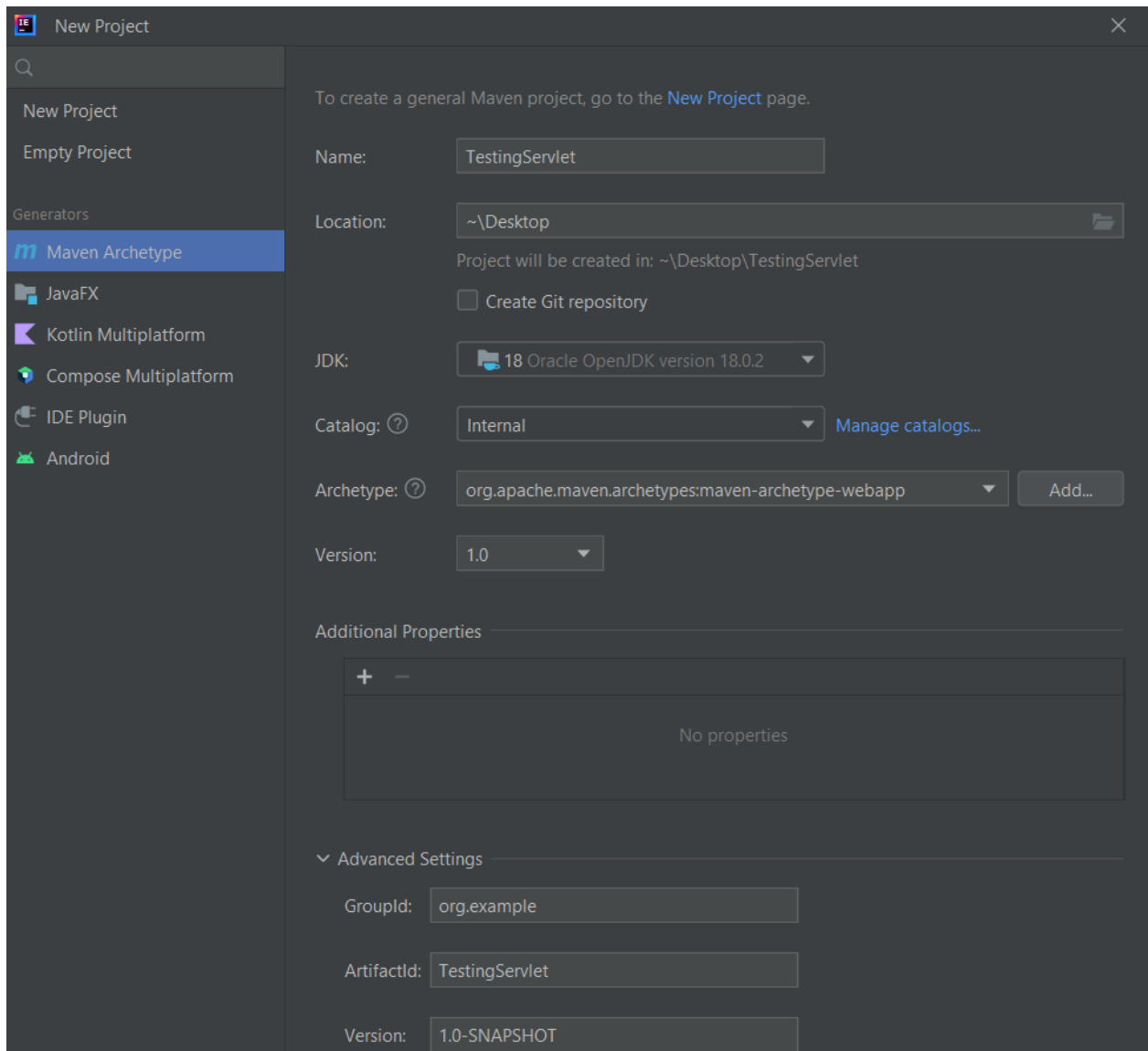
### **Etapes Suivies:**

**Lien Github: <https://github.com/KarenLteif/Dev-2-Impl-mentation-d-une-Servlet-Java.git>**

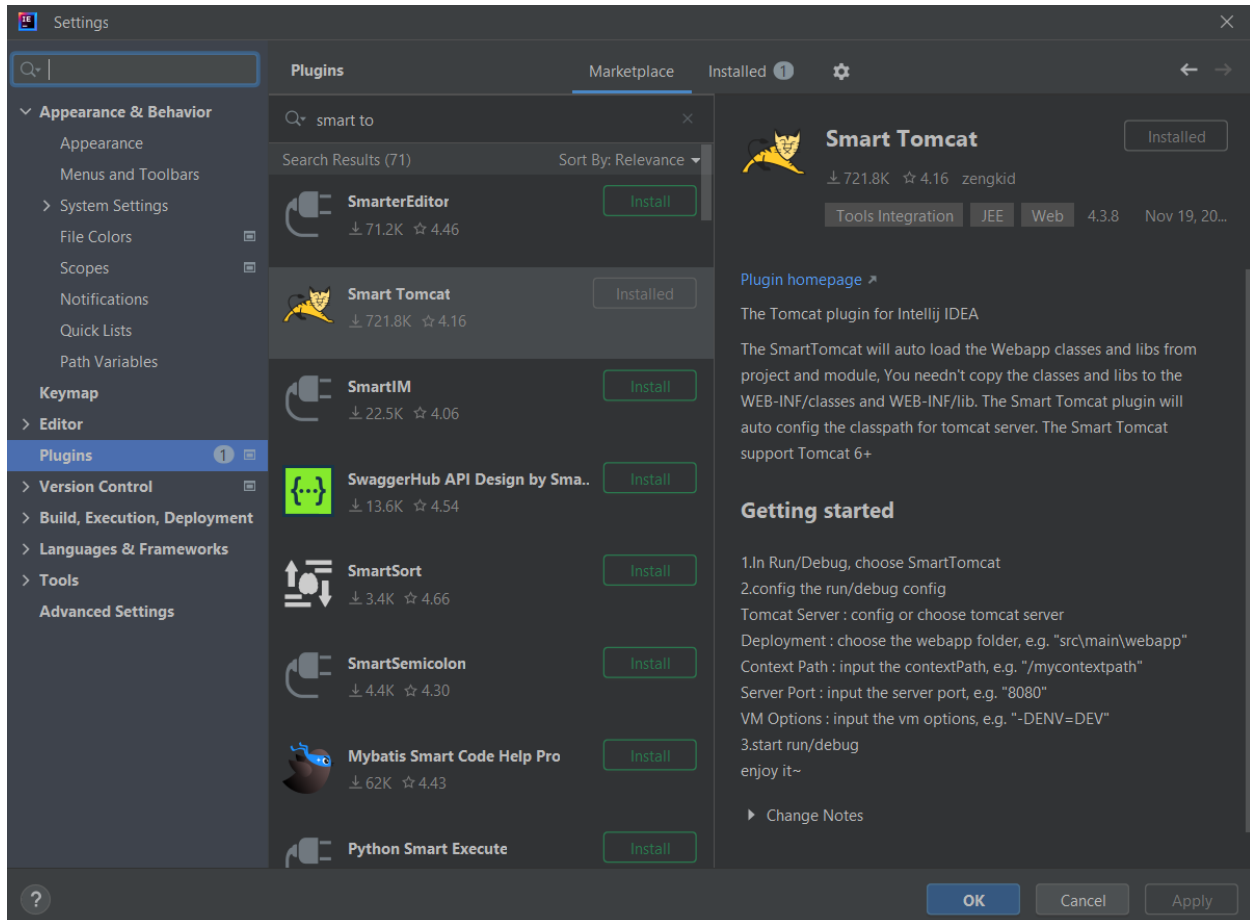
#### **1- Téléchargement du serveur d'applications: TOMCAT 9.0.71**



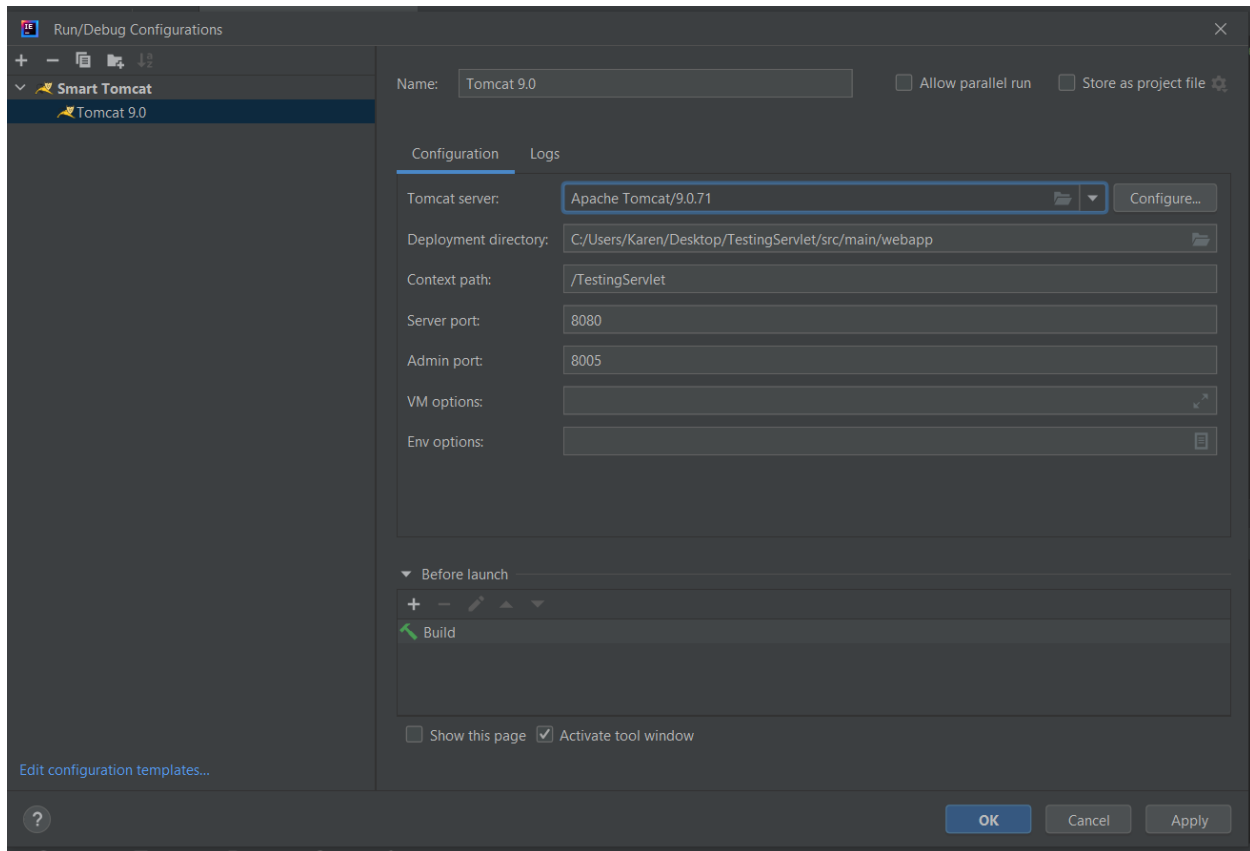
## **2- Création d'un projet MARVEN sur IntelliJ Idea et ajustement de l'archétype spécifique aux applications WEB :**



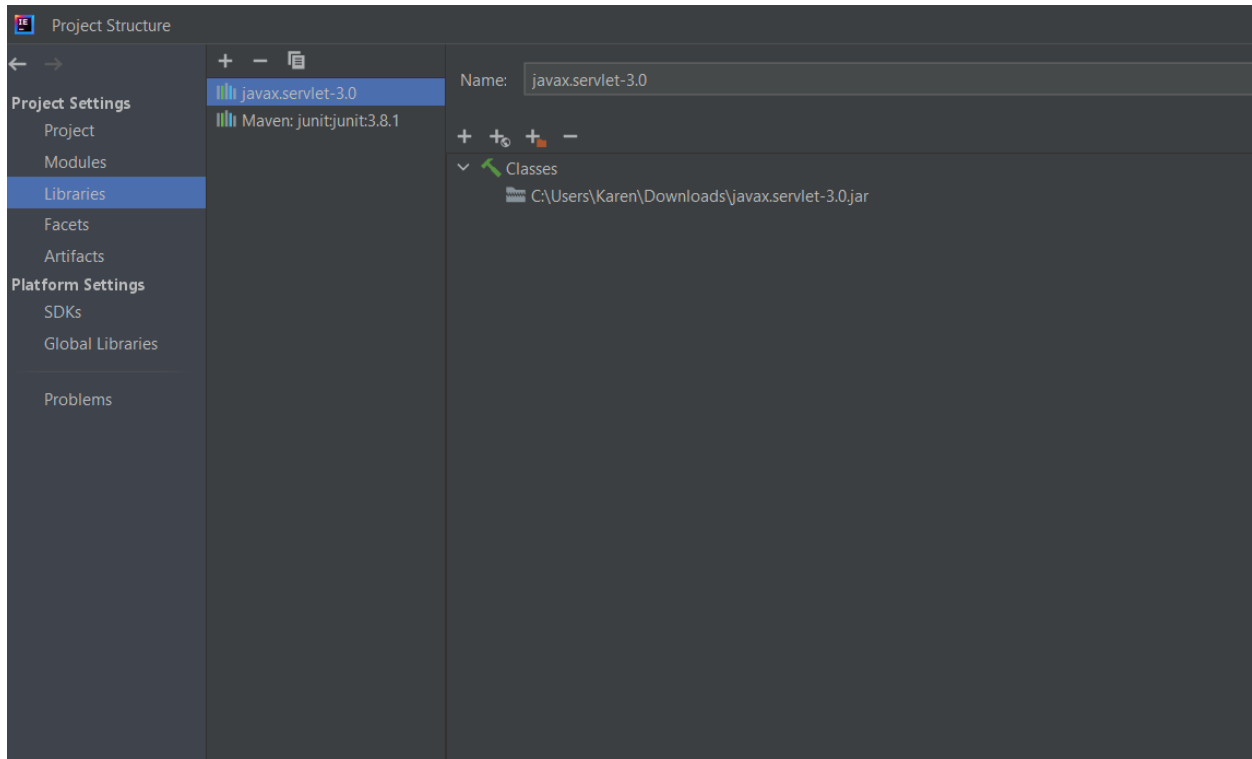
### 3- Téléchargement du smart Tomcat plugin :



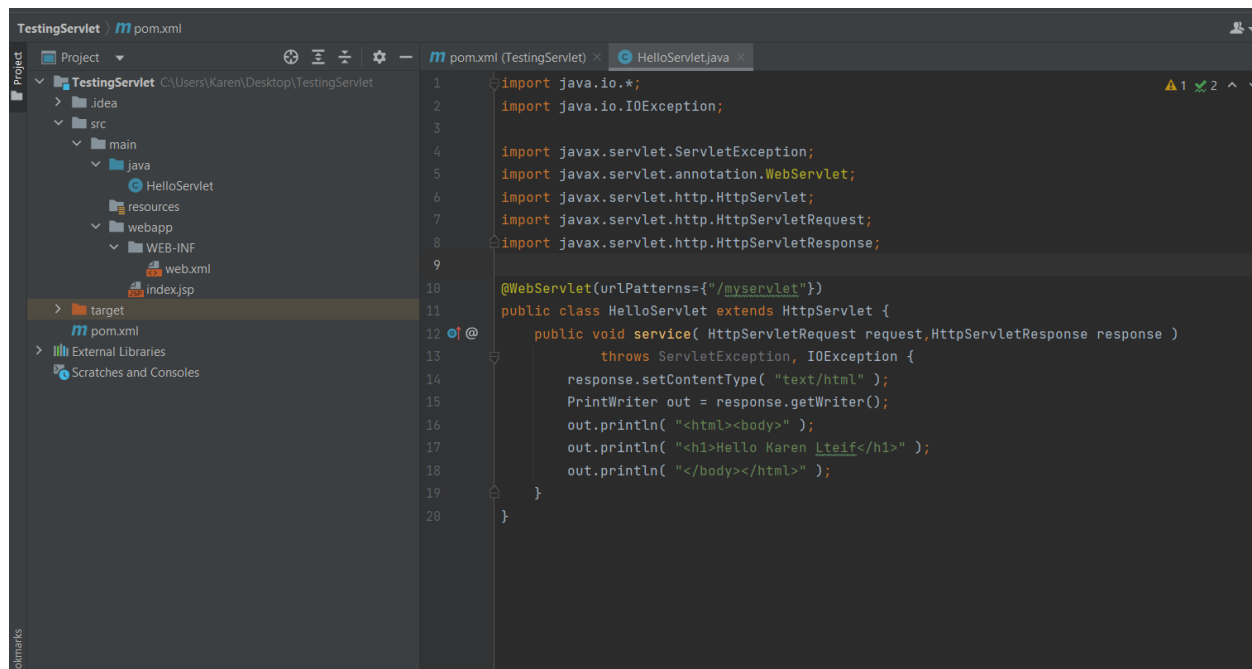
#### 4- Configuration de Tomcat 9.0 dans IntelliJ :



## 5- Téléchargement de javax servlet file et son intégration dans IntelliJ :

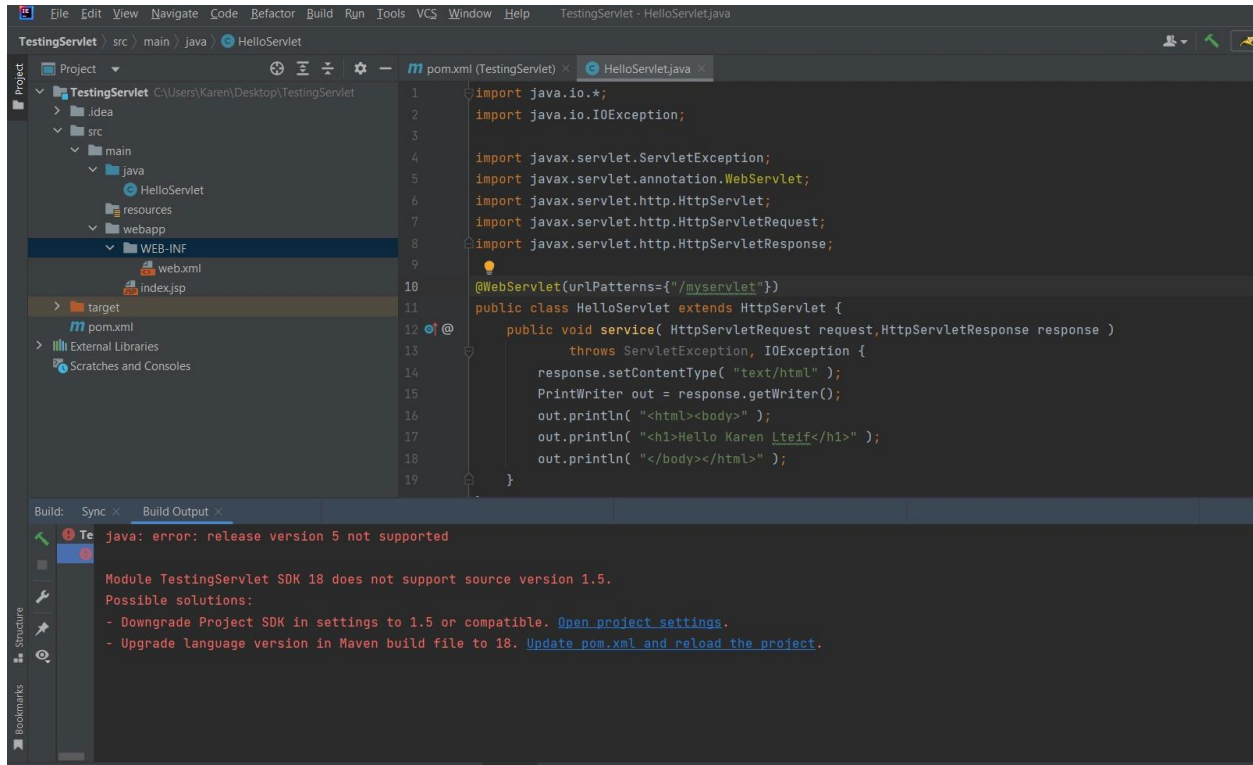


## 6- Implémentation du servlet :

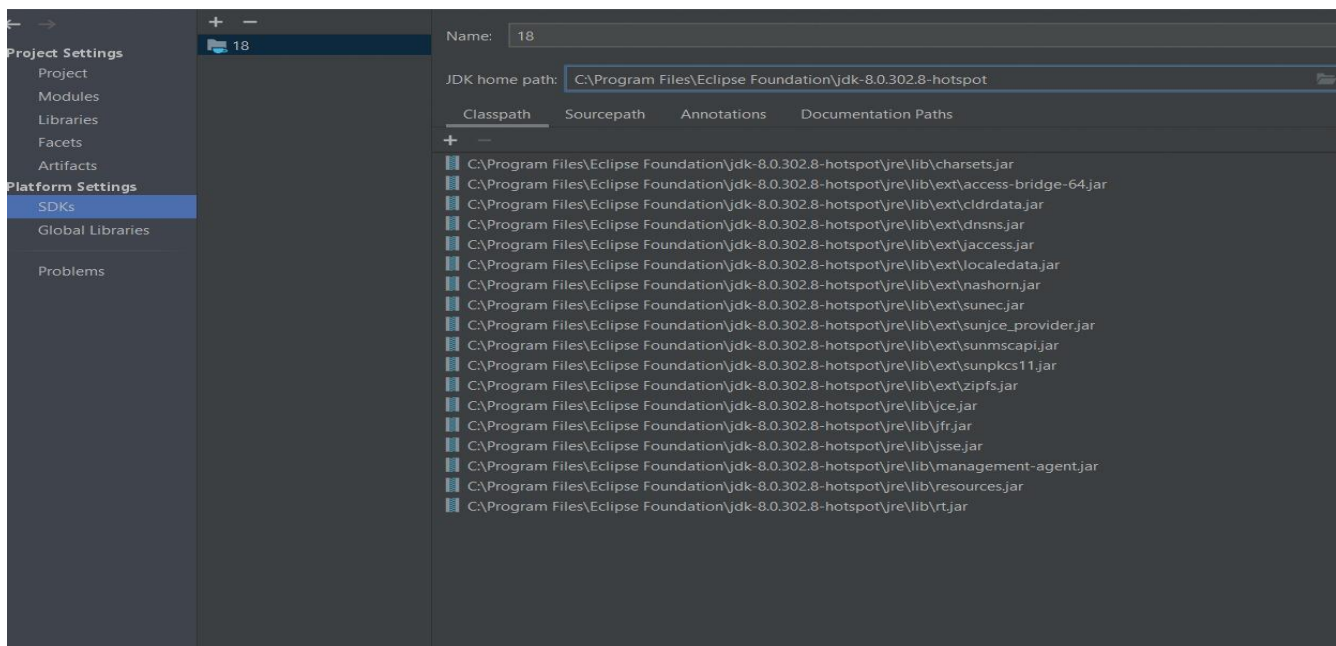


**7- En essayant d'exécuter le programme, j'ai rencontré un problème lié à la version jdk que j'utilisais, j'ai donc dû le changer pour celui-ci :**

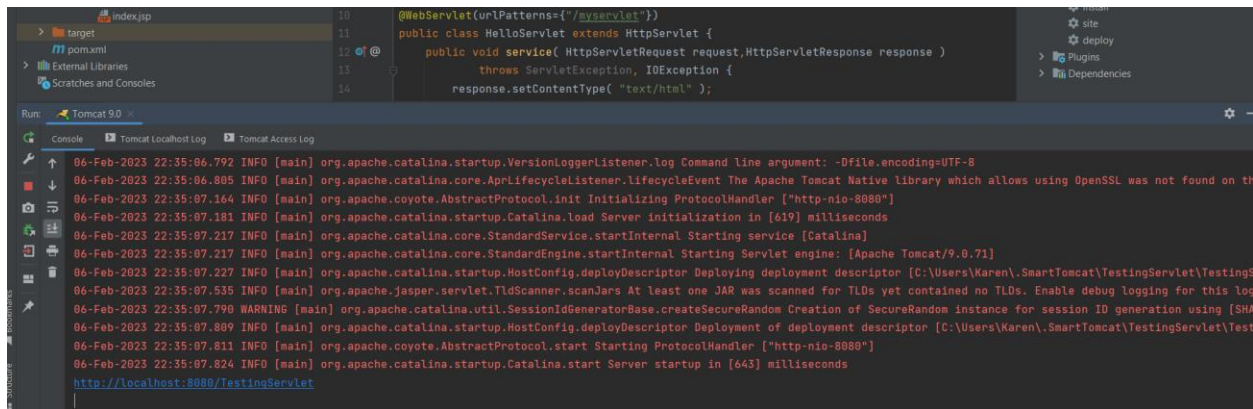
**PROBLEME:**



**SOLUTION:**



## RESULTAT:



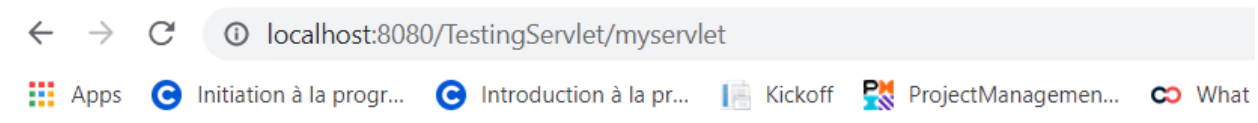
The screenshot shows an IDE with a Java file named `index.jsp` containing the following code:

```
@WebServlet(urlPatterns={"/myservlet"})
public class HelloServlet extends HttpServlet {
    public void service( HttpServletRequest request, HttpServletResponse response )
        throws ServletException, IOException {
        response.setContentType( "text/html" );
    }
}
```

The console output for Tomcat 9.0 shows the following logs:

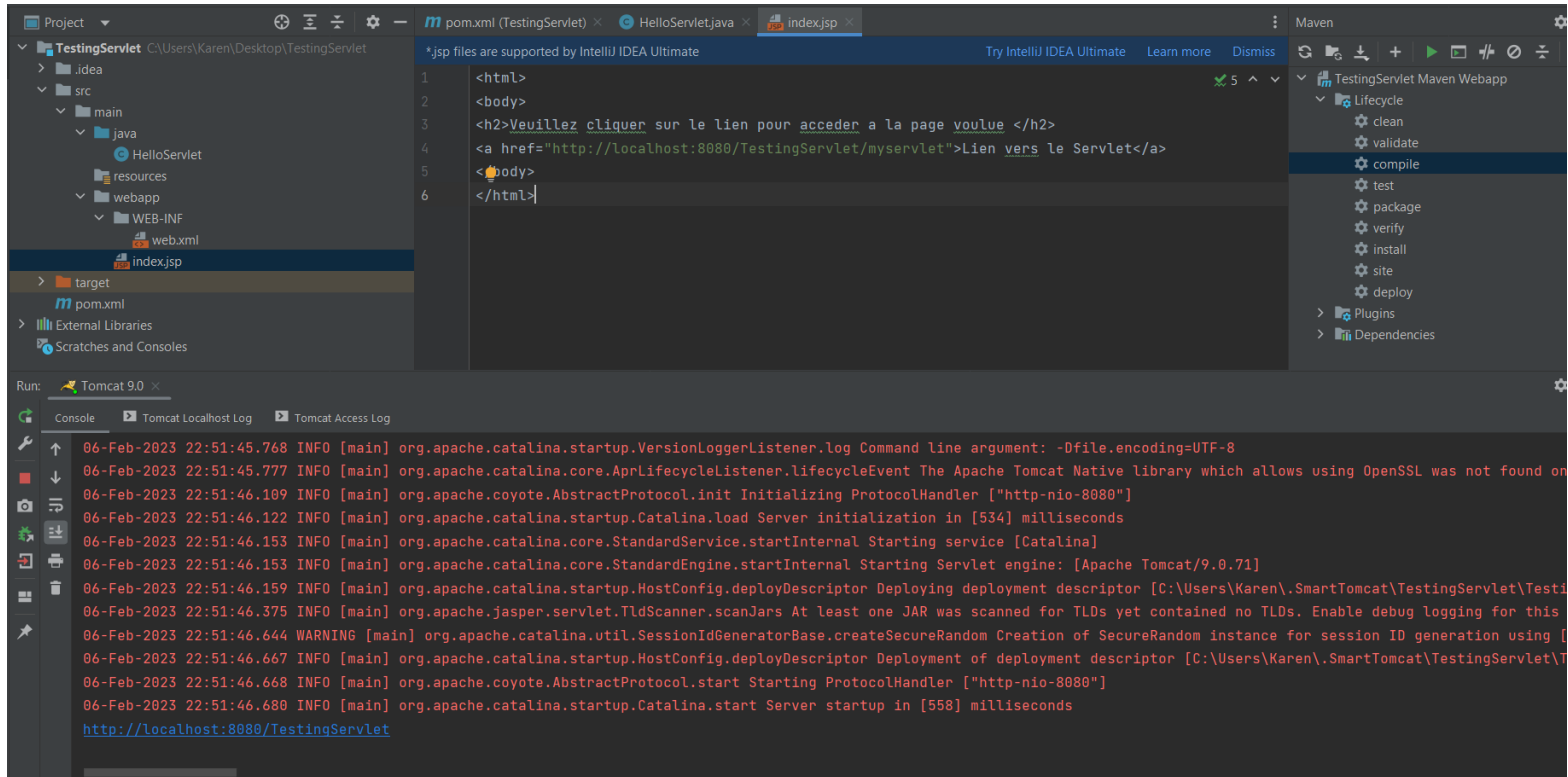
```
06-Feb-2023 22:35:06.792 INFO [main] org.apache.catalina.startup.VersionLoggerListener.log Command line argument: -Dfile.encoding=UTF-8
06-Feb-2023 22:35:06.805 INFO [main] org.apache.catalina.core.AprLifecycleListener.lifecycleEvent The Apache Tomcat Native library which allows using OpenSSL was not found on this platform
06-Feb-2023 22:35:07.164 INFO [main] org.apache.coyote.AbstractProtocol.init Initializing ProtocolHandler ["http-nio-8080"]
06-Feb-2023 22:35:07.181 INFO [main] org.apache.catalina.startup.Catalina.load Server initialization in [619] milliseconds
06-Feb-2023 22:35:07.217 INFO [main] org.apache.catalina.core.StandardService.startInternal Starting service [Catalina]
06-Feb-2023 22:35:07.217 INFO [main] org.apache.catalina.core.StandardEngine.startInternal Starting Servlet engine: [Apache Tomcat/9.0.71]
06-Feb-2023 22:35:07.227 INFO [main] org.apache.catalina.startup.HostConfig.deployDescriptor Deploying deployment descriptor [C:\Users\Karen\.SmartTomcat\TestingServlet\TestingServlet.xml]
06-Feb-2023 22:35:07.535 INFO [main] org.apache.jasper.servlet.TldScanner.scanJars At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging for this log to see the list of JARs scanned for TLDs.
06-Feb-2023 22:35:07.790 WARNING [main] org.apache.catalina.util.SessionIdGeneratorBase.createSecureRandom Creation of SecureRandom instance for session ID generation using [SHA1PRNG]
06-Feb-2023 22:35:07.809 INFO [main] org.apache.catalina.startup.HostConfig.deployDescriptor Deployment of deployment descriptor [C:\Users\Karen\.SmartTomcat\TestingServlet\TestingServlet.xml]
06-Feb-2023 22:35:07.811 INFO [main] org.apache.coyote.AbstractProtocol.start Starting ProtocolHandler ["http-nio-8080"]
06-Feb-2023 22:35:07.824 INFO [main] org.apache.catalina.startup.Catalina.start Server startup in [643] milliseconds
```

## 8- En ouvrant le lien sur le serveur on obtient :

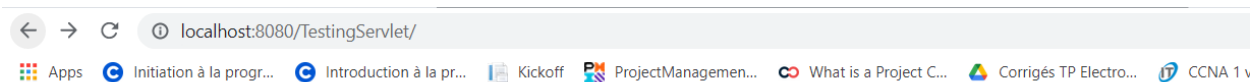


# Hello Karen Lteif

## 9-Création d'un lien dans index.jsp :

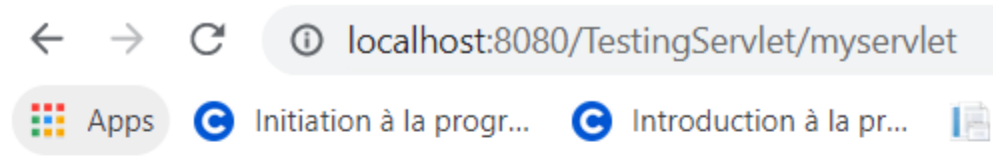
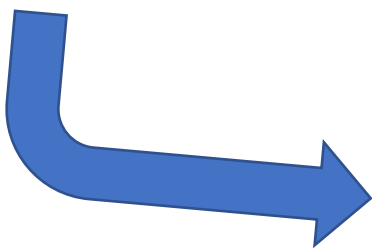


## Resultat :



**Veuillez cliquer sur le lien pour acceder a la page voulue**

[Lien vers le Servlet](http://localhost:8080/TestingServlet/myservlet)



# Hello Karen Lteif