

Creating a main pom.xml file

```
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.example</groupId>
  <artifactId>sonar-aggregator</artifactId>
  <version>1.0.0</version>
  <packaging>pom</packaging>
  <modules>
    <module>CountingNumberOfLinesInARepo/pom.xml</module>
    <module>Spring_NumberofLines/pom.xml</module>
    <module>demo-plugin-arham/pom.xml</module>
    <module>demp-HelloWorld-Plugin/pom.xml</module>
  </modules>
  <build>
    <plugins>
      <plugin>
        <groupId>com.diffplug.spotless</groupId>
        <artifactId>spotless-maven-plugin</artifactId>
        <version>2.42.0</version>
      </plugin>
    </plugins>
  </build>
</project>
```

Step 1: Create a pom.xml with a sample boilerplate code.

Step 2: <artifactId>sonar-aggregator</artifactId>, with the sonar-aggregator name as the artifact ID, with the packaging ending, with the version number.

Step 3: Specify the modules with the exact path of pom.xml in each directory.

Step 4: Add the spotless plugin which is required while giving the build.

Step 5: This parent pom.xml should be present in the root directory of the repository