Running Instruction:
1. Unzip **ballnsocket.zip**.
2. To generate PlantUML diagrams, install **Graphviz** software on your machine following the instructions here(http://plantuml.com/graphvizdot.html).
3. If you run it on Mac/Linux:
    Open terminal, get into the umlparser's directory(should be in **ballnsocket** folder), run
        $./umlparser ./testcase <output file name>

    If you run it on Windows:
    Open terminal, get into the **/ballnsocket/target/** folder, run
        $java -jar ballnsocket-1.0-SNAPSHOT-jar-with-dependencies.jar \ ./testcase <output file name>

    The UML diagram will be generated in the **testcase** folder.

Compile Instruction:
1. Unzip **ballnsocket.zip**.
2. To generate PlantUML diagrams, install **Graphviz** software on your machine following the instructions here(http://plantuml.com/graphvizdot.html).
3. Install **maven** on your machine following the instructions here(https://maven.apache.org/install.html).
4. Open terminal, get into the **ballnsocket** folder, run:
        $mvn clean compile assembly:single
    A jar file named **ballnsocket-1.0-SNAPSHOT-jar-with-dependencies.jar** will be generated under **/ballnsocket/target/** directory. (It will replace the one which has already been generated under the same directory)

This project is written by using javaparser and plantUML.
• javaparser https://github.com/javaparser/javaparser
• plantUML http://plantuml.com/

This project is constructed in IntelliJ IDEA 14. In pom.xml file, libraries and tools(javaparser, plantUML and maven) are imported by adding the following lines:

```xml
<dependencies>
 <dependency>
     <groupId>com.github.javaparser</groupId>
   <artifactId>javaparser-core</artifactId>
   <version>2.1.0</version>
 </dependency>
<dependency>
<groupId>net.sourceforge.plantuml</groupId>
<artifactId>plantuml</artifactId>
<version>8031</version>
</dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
       <artifactId>maven-assembly-plugin</artifactId>
       <configuration>
         <archive>
           <manifest>
              <mainClass>Printer</mainClass>
           </manifest>
         </archive>
         <descriptorRefs>
           <descriptorRef>jar-with-dependencies</descriptorRef>
         </descriptorRefs>
       </configuration>
    </plugin>
  </plugins>
</build>
```