**Usage instructions:**

Download and unzip source code from github (provided as submission link).

The zip contains 4 important components.

1. Parser.jar
2. Yuml Folder (python module to convert yuml command to image)
3. umlparser.bat / umlparser.sh
4. Source code for reference in “Parser1” folder

After unzipping Make sure that the first 3 lie in the same folder

**Steps**

1. Unzip all files/folders in the same location
2. In command line change directory(cd) to the folder where all 3 are unzipped
3. Run the command:

Windows:

umlparser <Folder where java files are stored ***enclosed in double quotes***> <result.jpg>

Linux:

chmod u+x umlparser.sh

./umlparser.sh <Folder where java files are stored ***enclosed in double quotes***> <result.jpg>

Technical Details:

1. To parse the java source code, java parser from GitHub has been used.

<https://github.com/javaparser/javaparser>

1. Intermediate yuml code is generated using the parser (Source code in parser1 folder) and the executable for the same is in parser.jar
2. Yuml provides python API to generate diagram (<https://github.com/wandernauta/yuml>)

This is used in the project to generate UML diagram from yuml code.