



UPES

UNIVERSITY OF THE FUTURE

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BATCH - 1 DevOps

Submitted to:

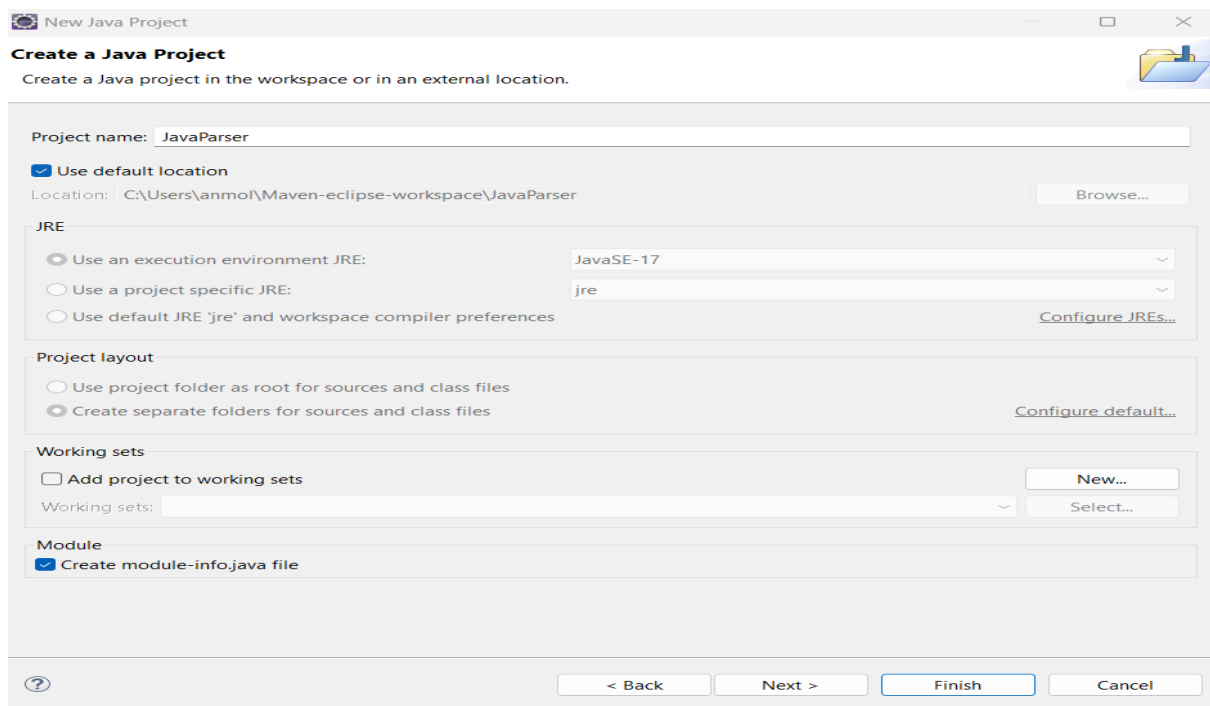
Mr. Omkarendra Tiwari

CI-CD Lab

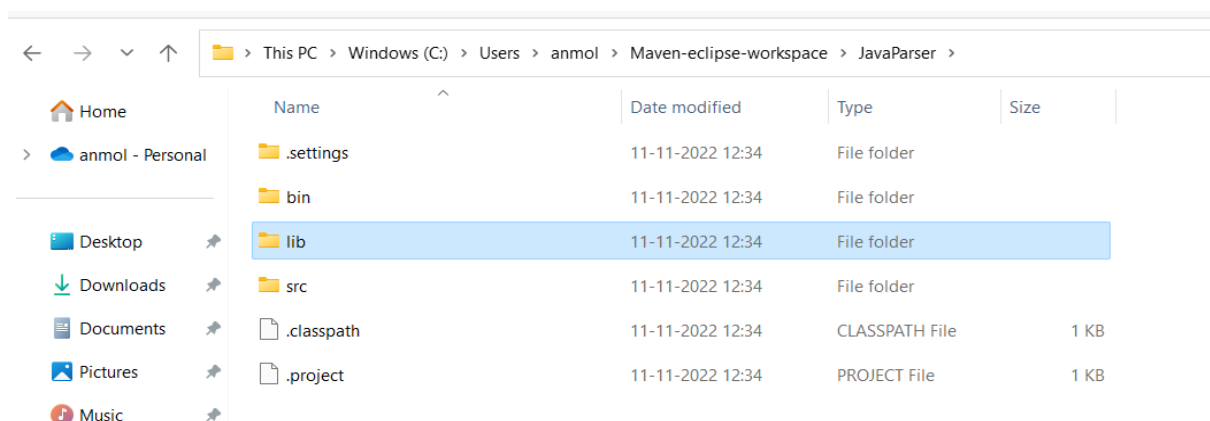
JAVA PARSER

Create a java project and add the java parser library to it.

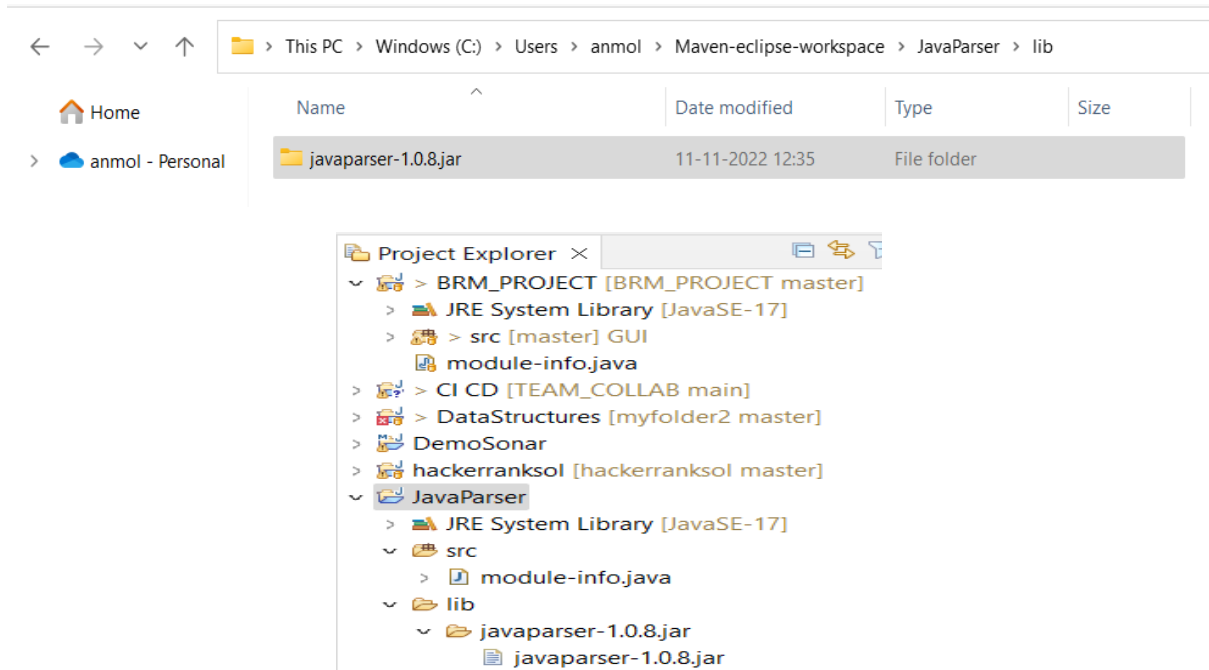
Step1: create java project:



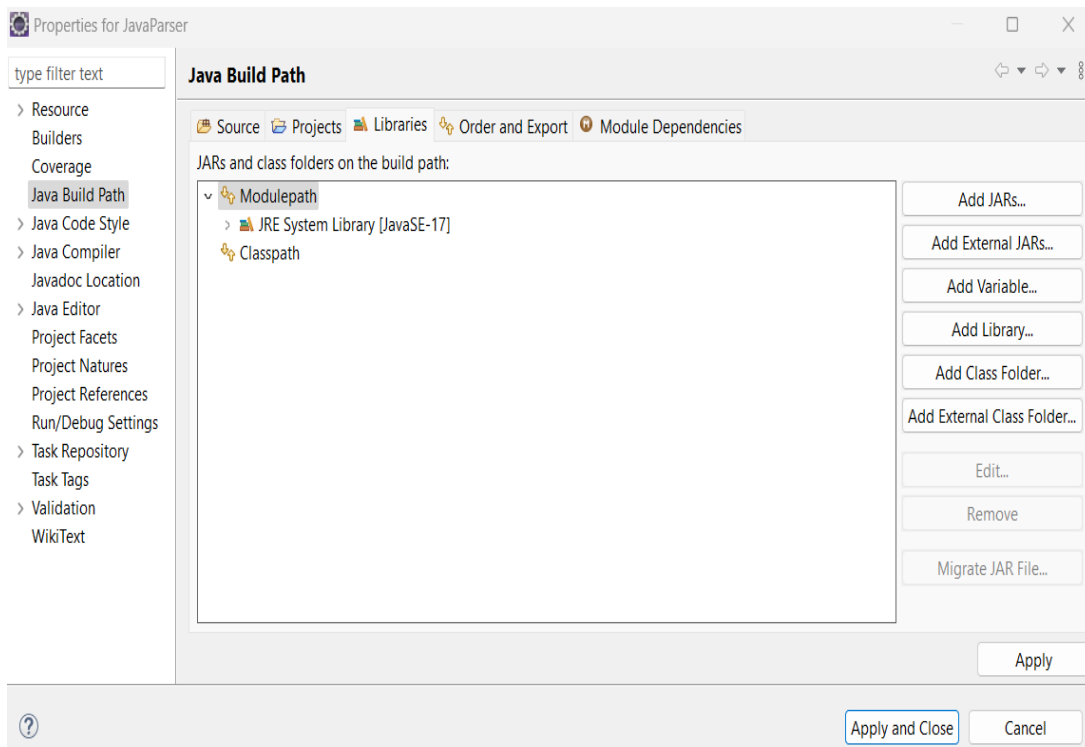
Step2: go to the directory where project is saved.



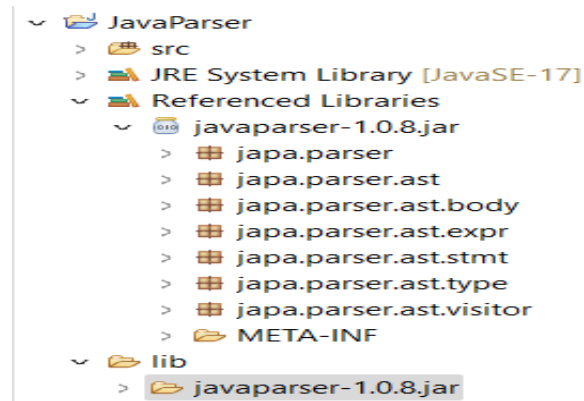
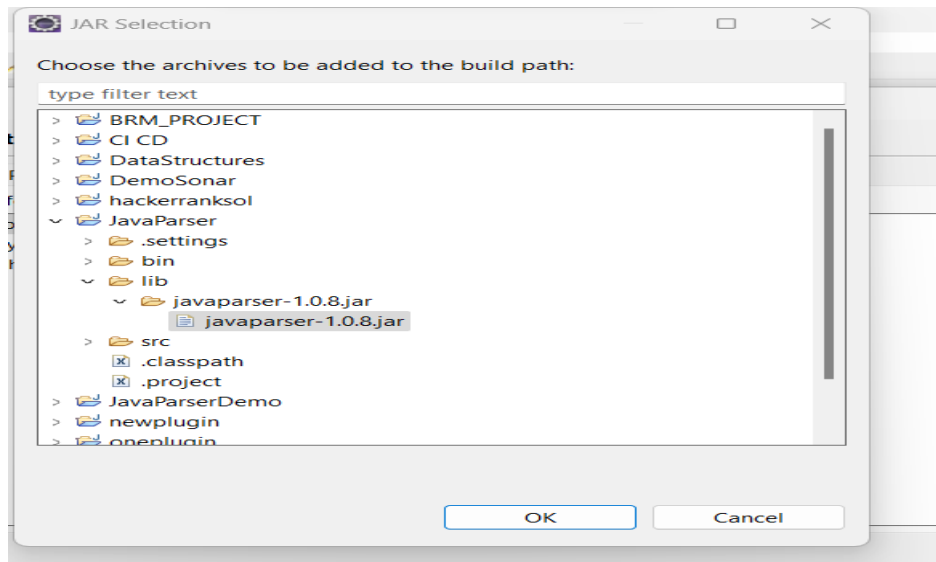
Step3: Create a lib folder and paste the java parser.jar file in it.



Step4: Now right click on lib folder and click on configure path, select Modulepath and click on Add JARS and apply it.



Srep5:Refresh the project and we have done with it.



- Write a method to mine a directory and print class name for each java file.

```
package pck1;
import java.io.File;
public class PrintFileNames{
    public void printFileNames(File[] a, int i, int lvl) {
        if(i == a.length) {
            return;
        }
        if(a[i].isFile())
        {
            System.out.println(a[i].getName());
        }
        printFileNames(a, i + 1, lvl);
    }
    public static void main(String[] args)
    {
        String path = "C:\\Users\\anmol\\Maven-eclipse-workspace\\JavaParser";
        File fObj = new File(path);
        PrintFileNames obj = new PrintFileNames();
        if(fObj.exists() && fObj.isDirectory()) {
            File a[] = fObj.listFiles();
            System.out.println("Displaying Files from the directory : " + fObj);
            obj.printFileNames(a, 0, 0);
        }
    }
}
```

output

```
Displaying Files from the directory : C:\Users\anmol\Maven-eclipse-workspace\JavaParser
.classpath
.project
Hello.java
package-info.java
Simple.java
```