



**Submitted by:**

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BATCH - 1 DevOps

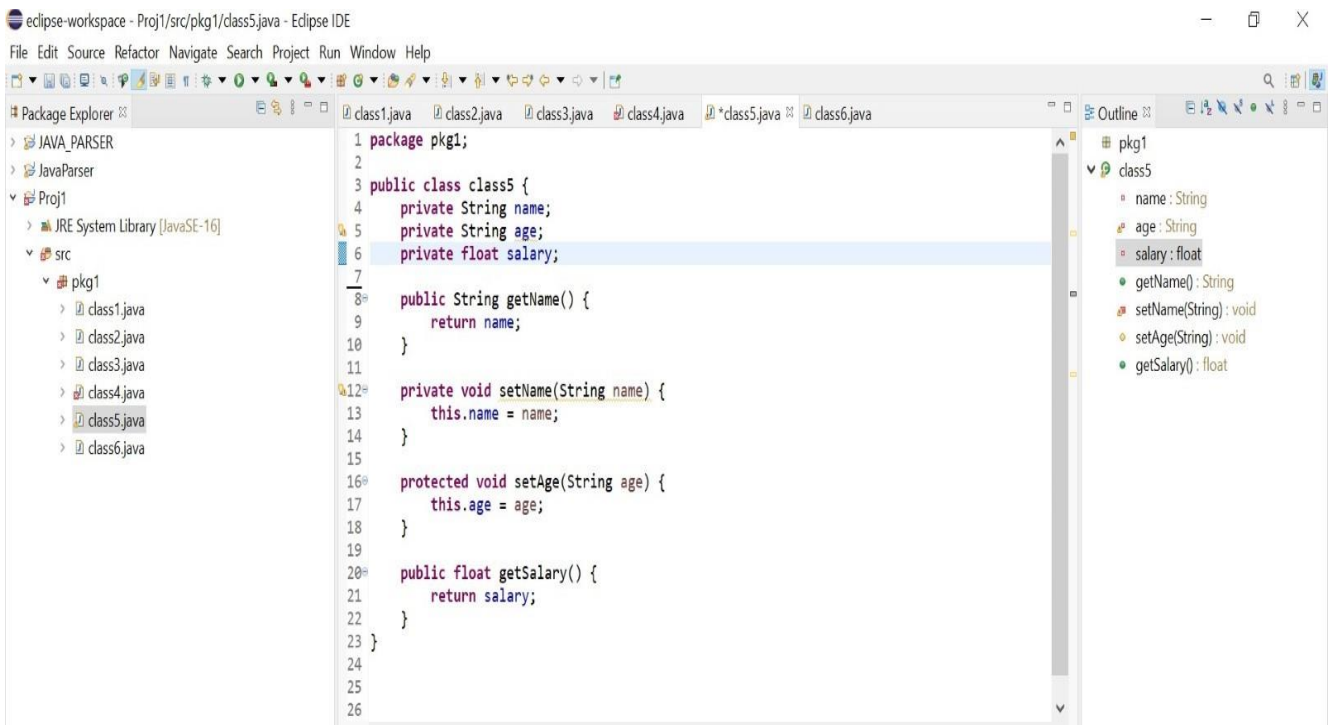
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**CI - CD Lab**

**Static Code Analysis-2**

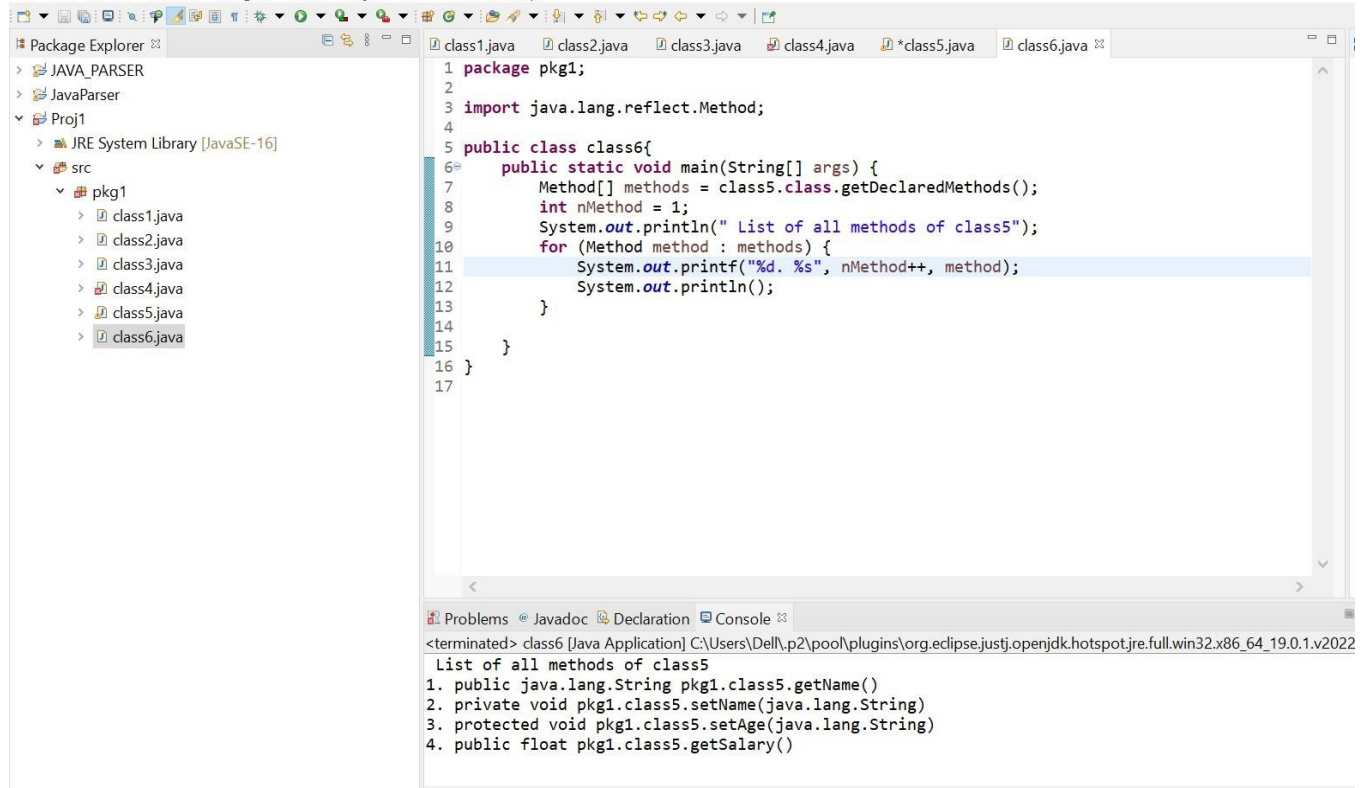
1. Create a class containing many methods in it.



2. Print names of all the methods used in class5 in class6.

eclipse-workspace - Proj1/src/pkg1/class6.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help



The screenshot displays the Eclipse IDE interface. On the left, the Package Explorer shows a project named 'Proj1' with a package 'pkg1' containing several Java files: class1.java, class2.java, class3.java, class4.java, class5.java, and class6.java. The main editor window shows the code for 'class6.java'.

```
1 package pkg1;
2
3 import java.lang.reflect.Method;
4
5 public class class6{
6     public static void main(String[] args) {
7         Method[] methods = class5.class.getDeclaredMethods();
8         int nMethod = 1;
9         System.out.println(" List of all methods of class5");
10        for (Method method : methods) {
11            System.out.printf("%d. %s", nMethod++, method);
12            System.out.println();
13        }
14    }
15 }
16 }
17 }
```

The console output shows the result of the program execution:

```
<terminated> class6 [Java Application] C:\Users\Dell\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_19.0.1.v2022
List of all methods of class5
1. public java.lang.String pkg1.class5.getName()
2. private void pkg1.class5.setName(java.lang.String)
3. protected void pkg1.class5.setAge(java.lang.String)
4. public float pkg1.class5.getSalary()
```