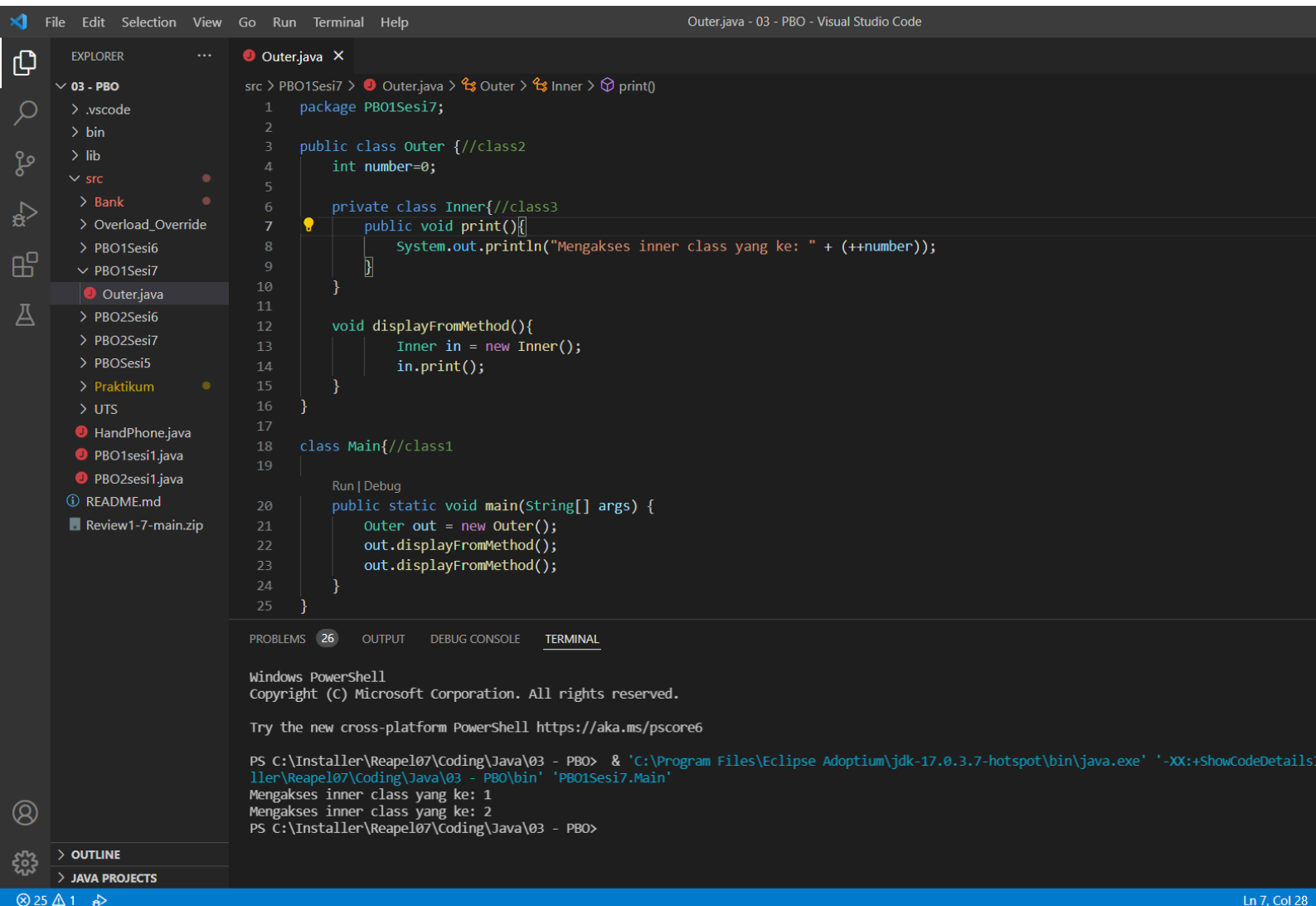


1.



The screenshot displays the Visual Studio Code interface with a Java file named 'Outer.java' open. The code defines a package 'PBO1Sesi7', a public class 'Outer' with a private inner class 'Inner'. The 'Outer' class has an integer 'number' initialized to 0 and a 'displayFromMethod()' method that creates an 'Inner' object and calls its 'print()' method. The 'Inner' class has a 'print()' method that prints the current value of 'number' and increments it. A 'Main' class contains a 'main' method that creates an 'Outer' object and calls 'displayFromMethod()' twice. The terminal output shows the execution results: 'Mengakses inner class yang ke: 1' and 'Mengakses inner class yang ke: 2'.

```
src > PBO1Sesi7 > Outer.java > Outer > Inner > print()
1 package PBO1Sesi7;
2
3 public class Outer { //class2
4     int number=0;
5
6     private class Inner { //class3
7         public void print(){
8             System.out.println("Mengakses inner class yang ke: " + (++number));
9         }
10    }
11
12    void displayFromMethod(){
13        Inner in = new Inner();
14        in.print();
15    }
16 }
17
18 class Main { //class1
19
20     Run | Debug
21     public static void main(String[] args) {
22         Outer out = new Outer();
23         out.displayFromMethod();
24         out.displayFromMethod();
25     }
26 }
```

PROBLEMS 26 OUTPUT DEBUG CONSOLE TERMINAL

Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Installer\Reapel07\Coding\Java\03 - PBO> & 'C:\Program Files\Eclipse Adoptium\jdk-17.0.3.7-hotspot\bin\java.exe' '-XX:+ShowCodeDetails' 'C:\Installer\Reapel07\Coding\Java\03 - PBO\bin' 'PBO1Sesi7.Main'

Mengakses inner class yang ke: 1
Mengakses inner class yang ke: 2
PS C:\Installer\Reapel07\Coding\Java\03 - PBO>

- Pada program diatas terdapat “Outer” sebagai outer class yang mempunyai “Inner” yang merupakan inner class. Pada class Main dibuat objek kelas outer “out”, kemudian method displayFromMethod dari objek “out”.
- Ketika program tersebut di eksekusi maka akan menghasilkan 3 ekstensi class :
 - Main.class
 - Outer.class
 - Outer\$Inner.class

The screenshot shows the Visual Studio Code interface with a Java project. The Explorer panel on the left shows the project structure, including a folder named 'PBO' and a file named 'Outer.java'. The main editor displays the code for 'Outer.java', which includes a package declaration, a public class 'Outer' with an inner class 'Inner', and a main method. The code is as follows:

```

1 package PBO2Sesi7;
2
3 public class Outer { //class 1
4     int number=0;
5
6     void outerMethod(){
7         class Inner { //class 2
8             public void print(){
9                 System.out.println("Mengakses inner class yang ke: " + (++number));
10                //apabila ++number diubah menjadi number++ maka output bernilai 0 terlebih dahulu
11            }
12        }
13
14        Inner inner = new Inner();
15        inner.print();
16    }
17 }
18
19 class OuterAccesss { //class 3
20
21     Run | Debug
22     public static void main(String[] args) {
23         Outer out = new Outer();
24         out.outerMethod();
25         out.outerMethod();
26         out.outerMethod();
27     }
28 }

```

The bottom panel shows the 'TERMINAL' output, which displays the execution of the program. The output is as follows:

```

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Installer\Reapel07\Coding\Java\03 - PBO> & 'C:\Program Files\Eclipse Adoptium\jdk-17.0.3.7-hotspot\bin\java.exe' '-XX:+ShowCodeDetails'
lller\Reapel07\Coding\Java\03 - PBO\bin' 'PBO2Sesi7.OuterAccesss'
Mengakses inner class yang ke: 1
Mengakses inner class yang ke: 2
Mengakses inner class yang ke: 3
PS C:\Installer\Reapel07\Coding\Java\03 - PBO>

```

- Jika `++number` diganti dengan `number++` :
`number ++` diartikan `number = 0` kemudian di incrementkan.
`++number` diartikan `number = 1` kemudian di incrementkan.
- Ketika program tersebut di eksekusi maka akan menghasilkan 3 ekstensi class :
 - Outer.class
 - Outer\$Inner.class
 - OuterAccess.class