

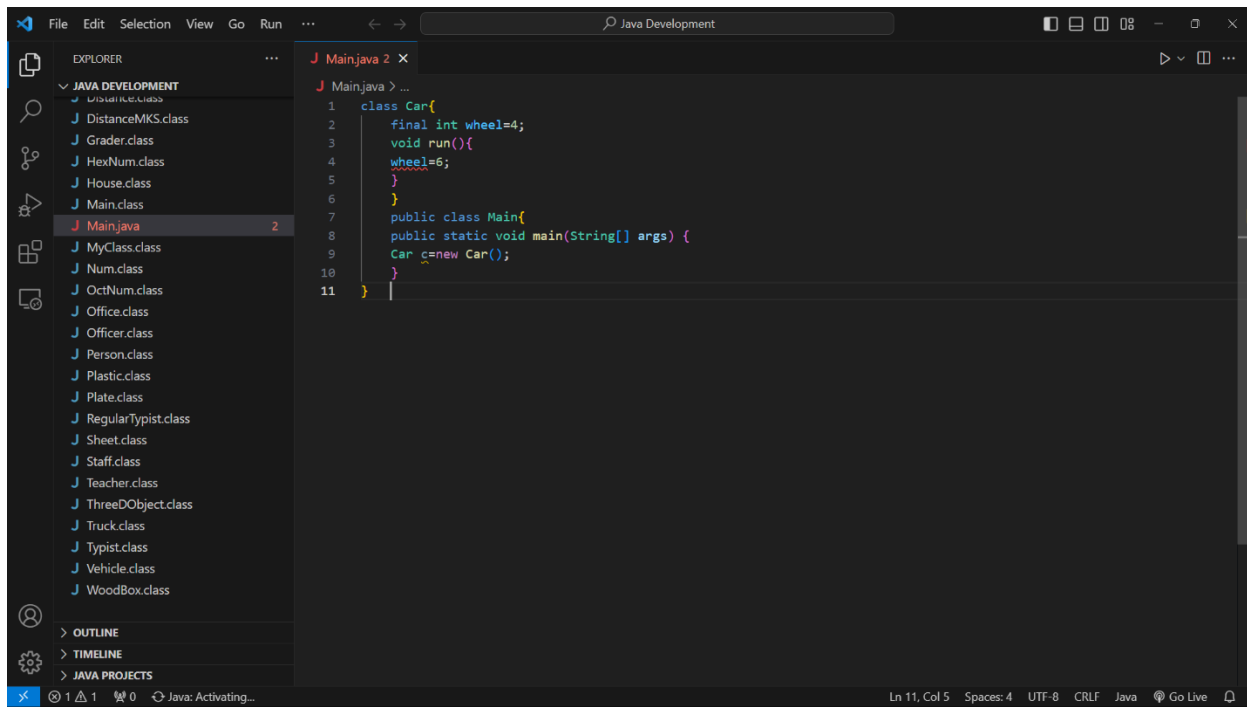
**SUBMITTED BY: -**

**KANISHK**

**2205130**

**CSE-37**

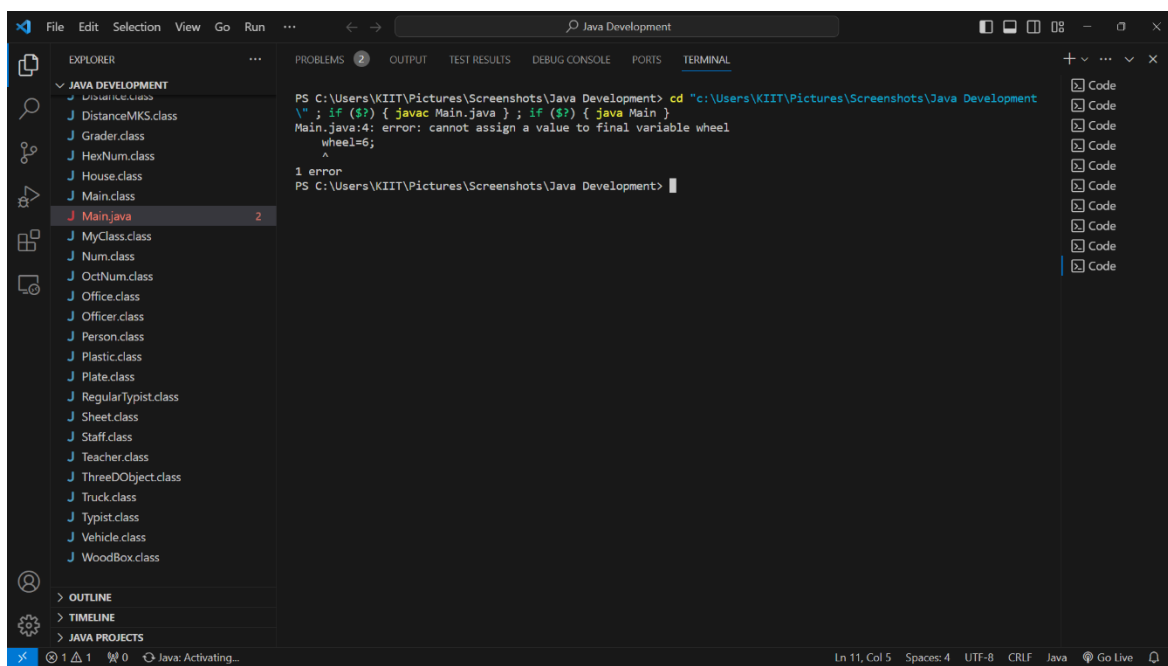
**Q1 INPUT: -** Examples of Final () Keyword.



The screenshot shows an IDE with a file explorer on the left and a code editor on the right. The file explorer lists several Java files under 'JAVA DEVELOPMENT', including 'Main.java' which is selected. The code editor displays the following Java code:

```
1 class Car{
2     final int wheel=4;
3     void run(){
4         wheel=6;
5     }
6 }
7 public class Main{
8     public static void main(String[] args) {
9         Car c=new Car();
10    }
11 }
```

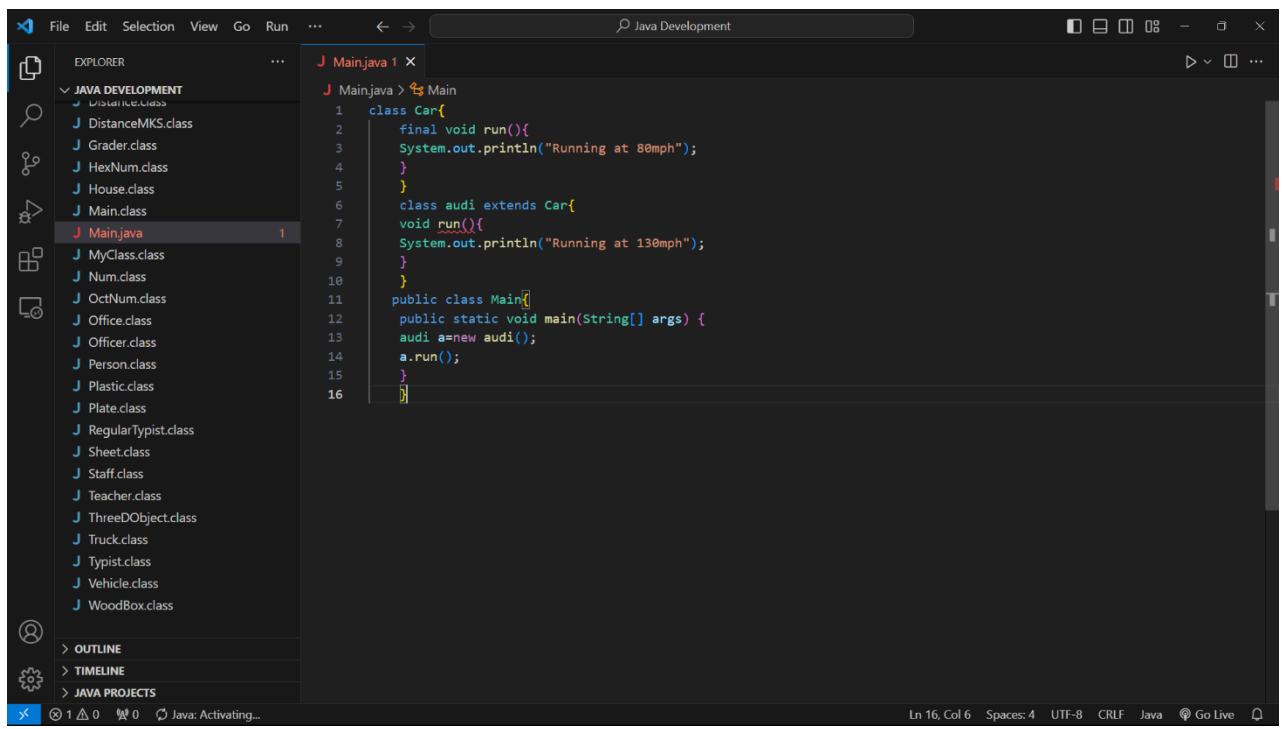
**OUTPUT: -**



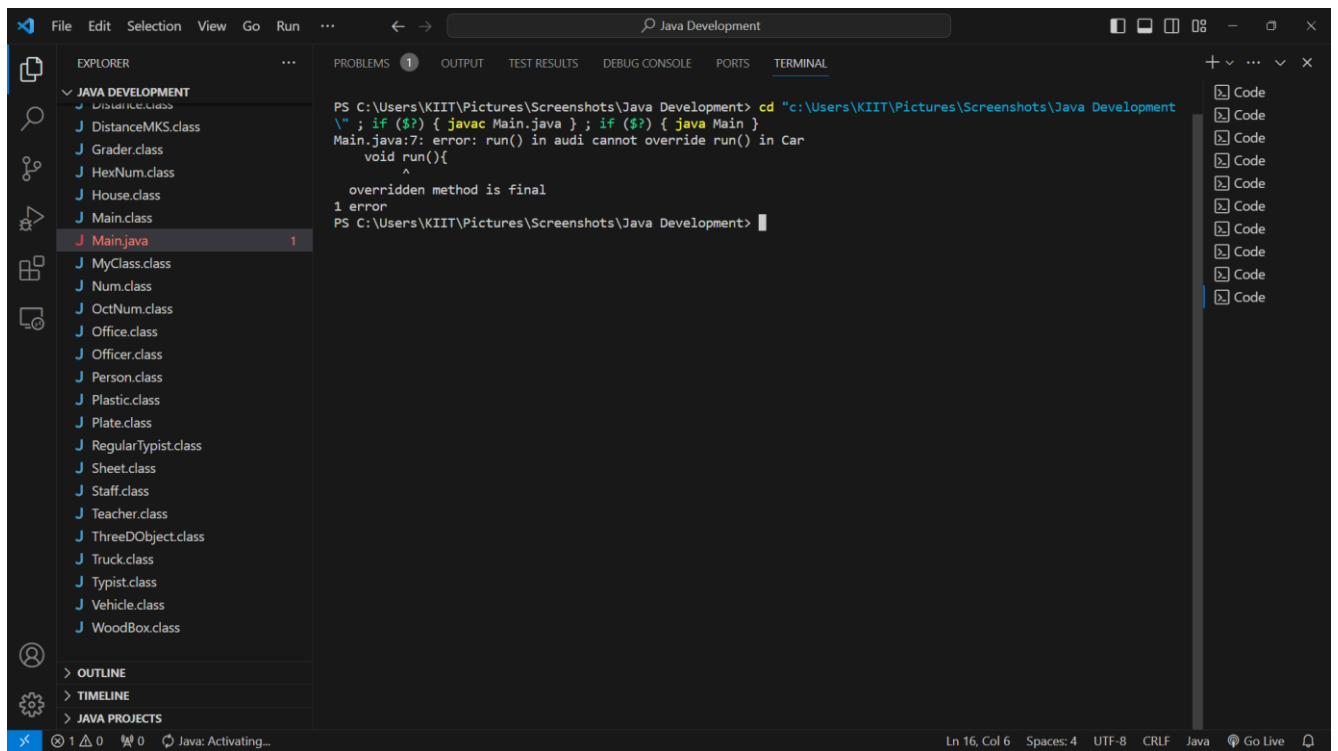
The screenshot shows the same IDE with the 'TERMINAL' tab active. The terminal displays the following commands and output:

```
PS C:\Users\KIIT\Pictures\Screenshots\Java Development> cd "c:\Users\KIIT\Pictures\Screenshots\Java Development"
\n" ; if ($?) { javac Main.java } ; if ($?) { java Main }
Main.java:4: error: cannot assign a value to final variable wheel
    wheel=6;
    ~~~~~
1 error
PS C:\Users\KIIT\Pictures\Screenshots\Java Development>
```

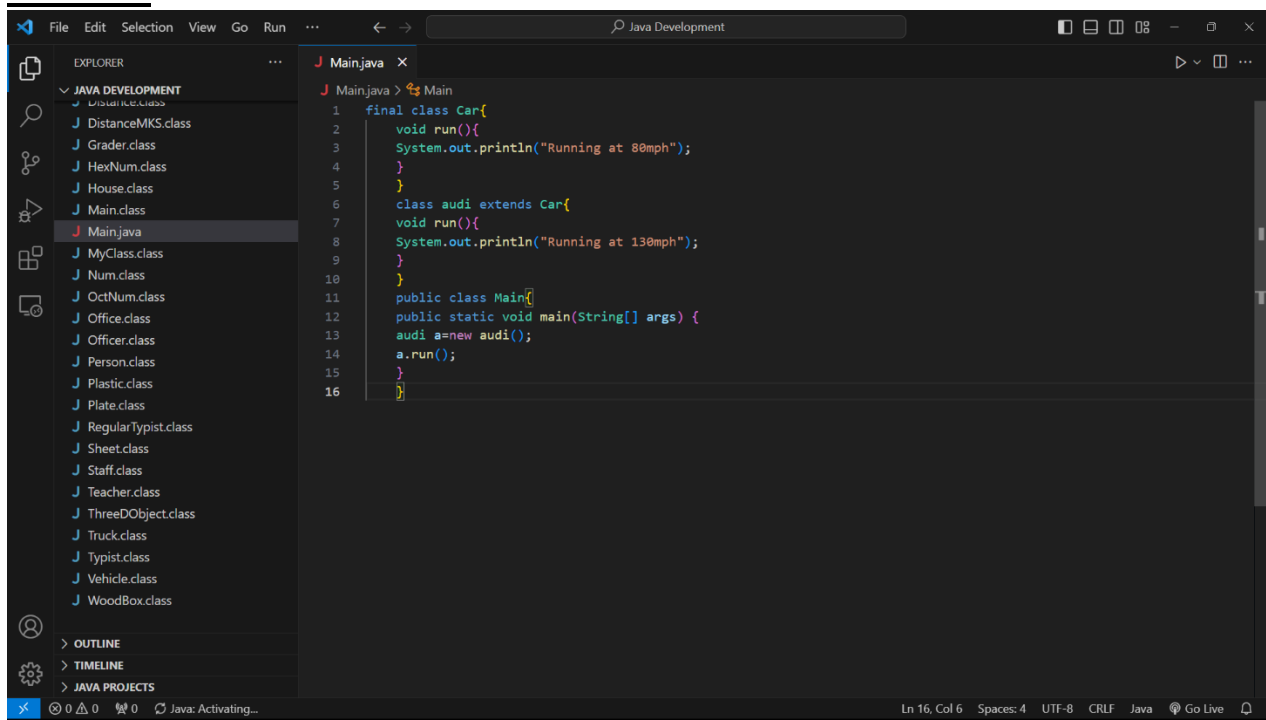
## INPUT: -



## OUTPUT:-



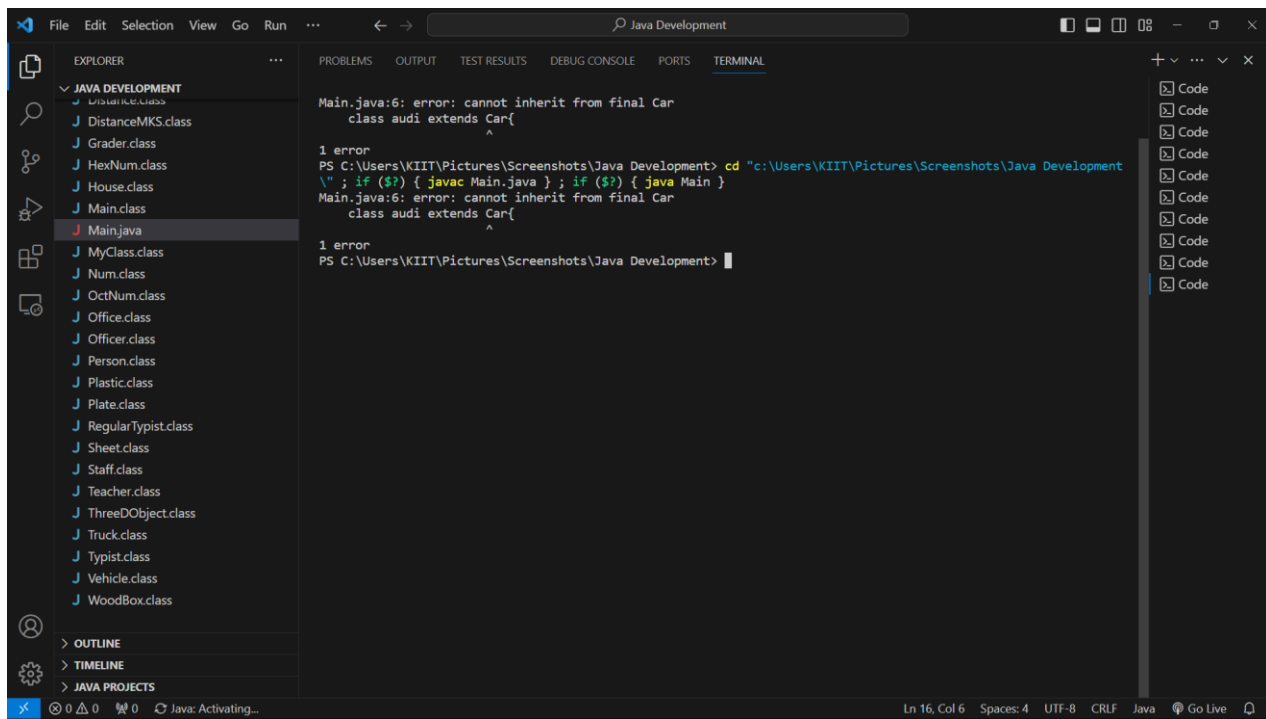
## INPUT: -



The screenshot shows an IDE with the Explorer on the left, displaying a project named 'JAVA DEVELOPMENT'. The file 'Main.java' is selected. The main editor shows the following code:

```
1 final class Car{
2     void run(){
3         System.out.println("Running at 80mph");
4     }
5 }
6 class audi extends Car{
7     void run(){
8         System.out.println("Running at 130mph");
9     }
10 }
11 public class Main{
12     public static void main(String[] args) {
13         audi a=new audi();
14         a.run();
15     }
16 }
```

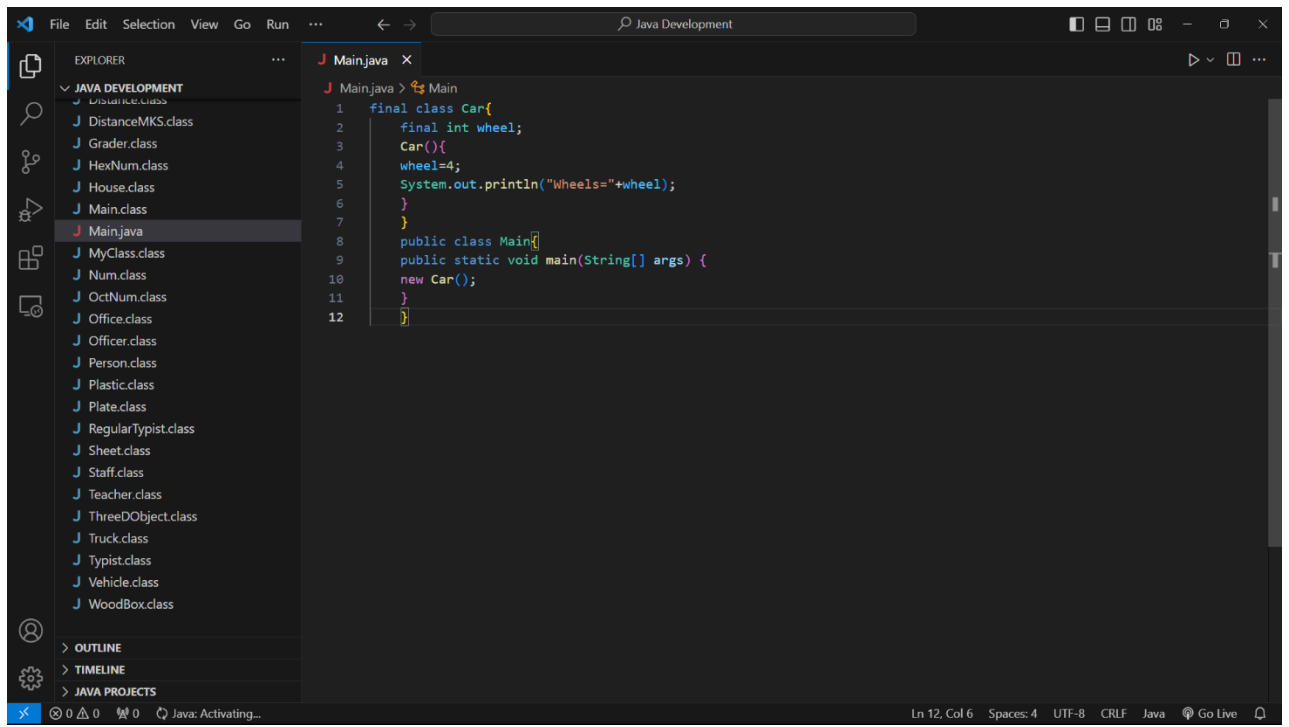
## OUTPUT: -



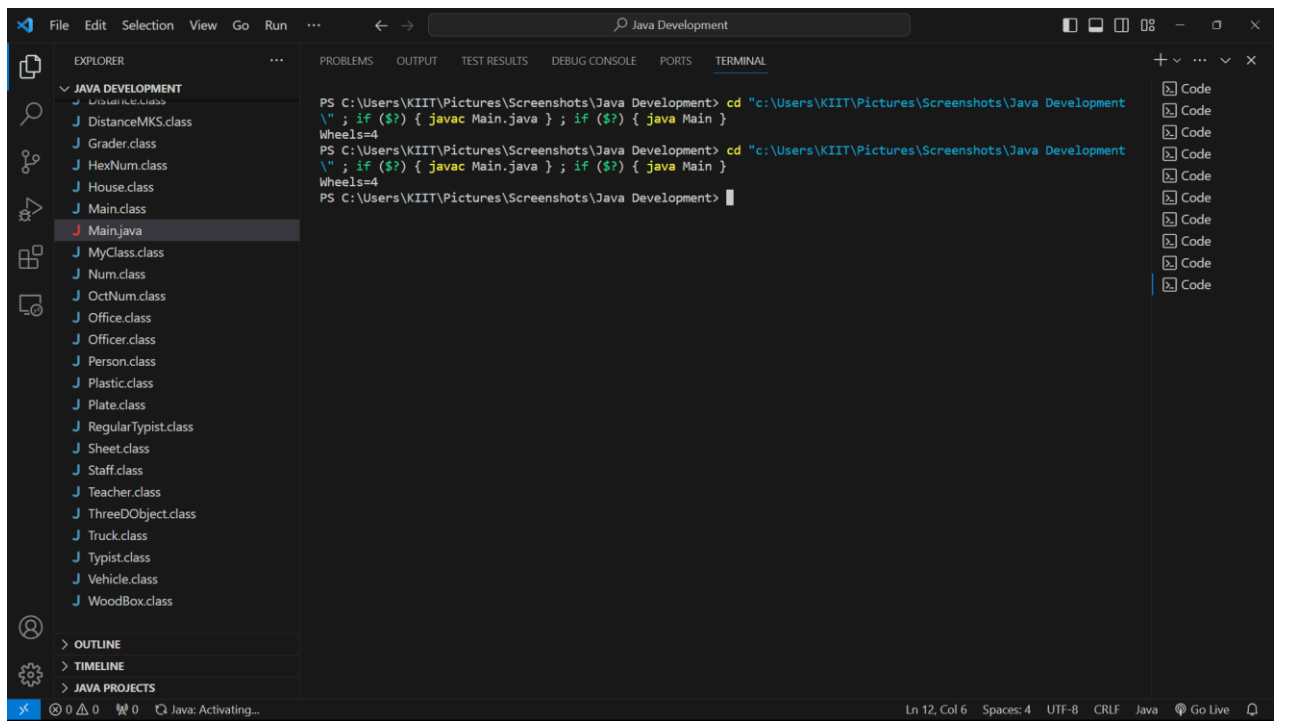
The screenshot shows the same IDE with the 'TERMINAL' tab active. It displays the following error message:

```
Main.java:6: error: cannot inherit from final Car
class audi extends Car{
      ^
1 error
PS C:\Users\KIIIT\Pictures\Screenshots\Java Development> cd "c:\Users\KIIIT\Pictures\Screenshots\Java Development\"; if ($?) { javac Main.java }; if ($?) { java Main }
Main.java:6: error: cannot inherit from final Car
class audi extends Car{
      ^
1 error
PS C:\Users\KIIIT\Pictures\Screenshots\Java Development>
```

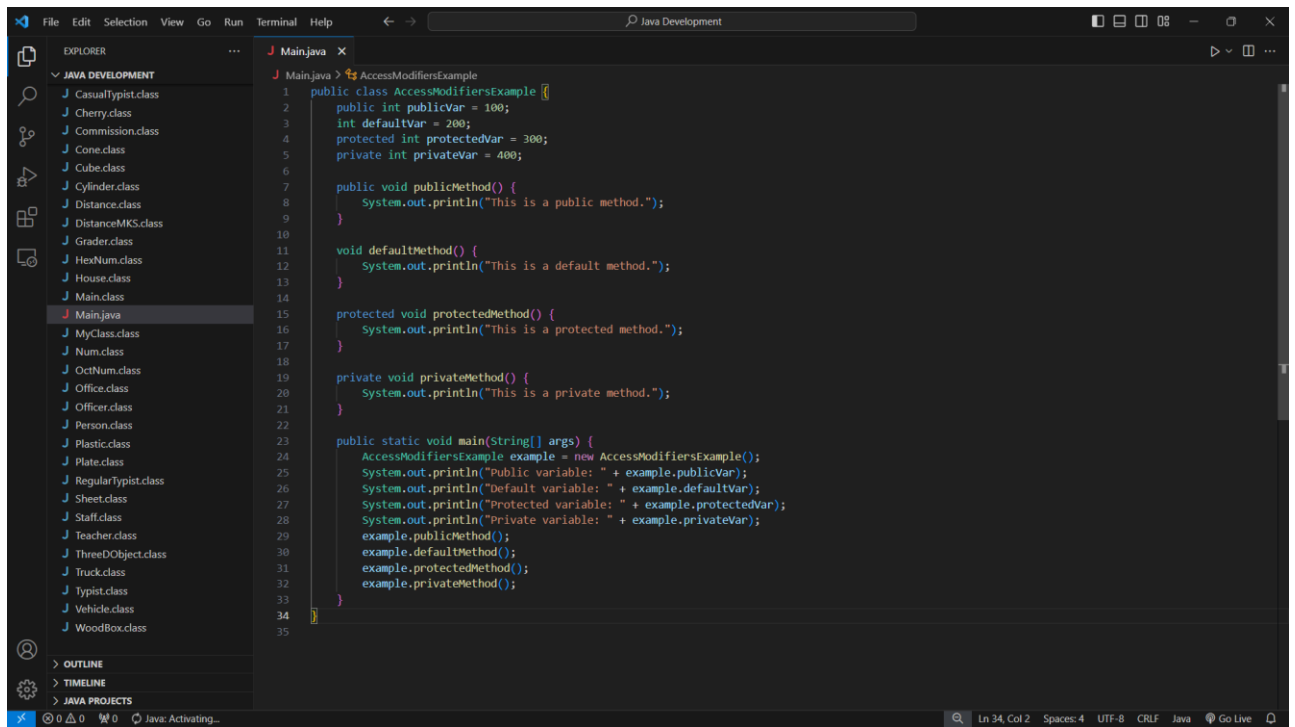
## INPUT: -



## OUTPUT:-



**Q2) Checking the Access Modifiers from Higher privileges to lower.**



## OUTPUT: -

