

Philip Pesic

Week 8

March 12 2023

Week 8 Prog 1

Create the project using Example 2 code above.

Write the code

Test with different speed values

```
package Prog1;

public class car {
    public void fullThrottle() {
        System.out.println("The car is going as fast as it can!");
    }

    public void speed(int maxSpeed) {
        System.out.println("Max speed is: " + maxSpeed);
    }
}

package Prog1;

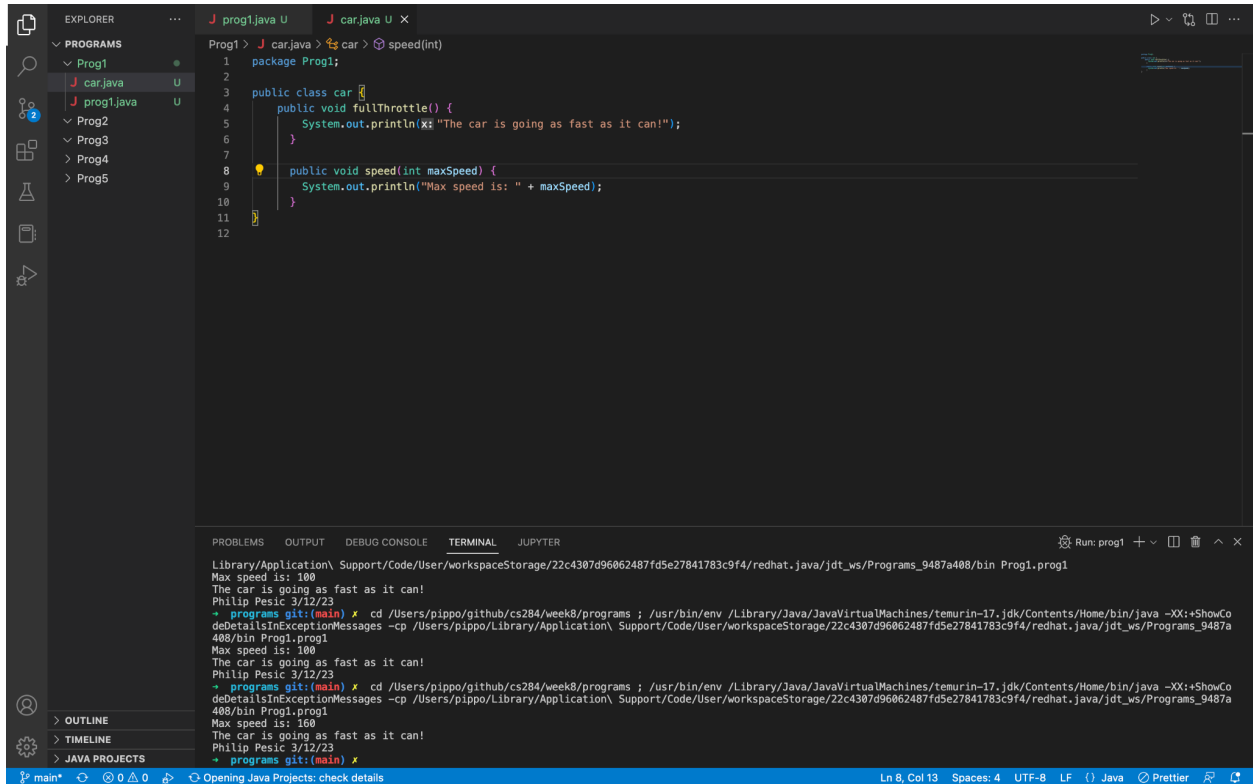
class prog1 {
    public static void main(String[] args) {
        car car1 = new car();
        car1.speed(160);
        car1.fullThrottle();
        System.out.println("Philip Pesic 3/12/23");
    }
}
```

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The screenshot shows an IDE with a dark theme. The Explorer panel on the left shows a project structure with folders 'PROGRAMS' and 'Prog1'. Inside 'Prog1', there are files 'car.java', 'prog1.java', and 'U'. The main editor displays the code for 'prog1.java'.

```
1 package Prog1;
2
3 public class car {
4     public void fullThrottle() {
5         System.out.println("The car is going as fast as it can!");
6     }
7
8     public void speed(int maxSpeed) {
9         System.out.println("Max speed is: " + maxSpeed);
10    }
11 }
12
```

The bottom panel shows the 'TERMINAL' output. It displays the command to run the program and the resulting output.

```
Library/Application\ Support/Code/User/workspaceStorage/22c4307d96062487fd5e27841783c9f4/redhat.java/jdt_ws/Programs_9487a408/bin Prog1.prog1
Max speed is: 100
The car is going as fast as it can!
Philip Pesic 3/12/23
+ programs git:(main) x cd /Users/pippo/github/cs284/week8/programs ; /usr/bin/env /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCo
deDetailsInExceptionMessages -cp /Users/pippo/Library/Application\ Support/Code/User/workspaceStorage/22c4307d96062487fd5e27841783c9f4/redhat.java/jdt_ws/Programs_9487a
408/bin Prog1.prog1
Max speed is: 100
The car is going as fast as it can!
Philip Pesic 3/12/23
+ programs git:(main) x cd /Users/pippo/github/cs284/week8/programs ; /usr/bin/env /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCo
deDetailsInExceptionMessages -cp /Users/pippo/Library/Application\ Support/Code/User/workspaceStorage/22c4307d96062487fd5e27841783c9f4/redhat.java/jdt_ws/Programs_9487a
408/bin Prog1.prog1
Max speed is: 160
The car is going as fast as it can!
Philip Pesic 3/12/23
+ programs git:(main) x
```

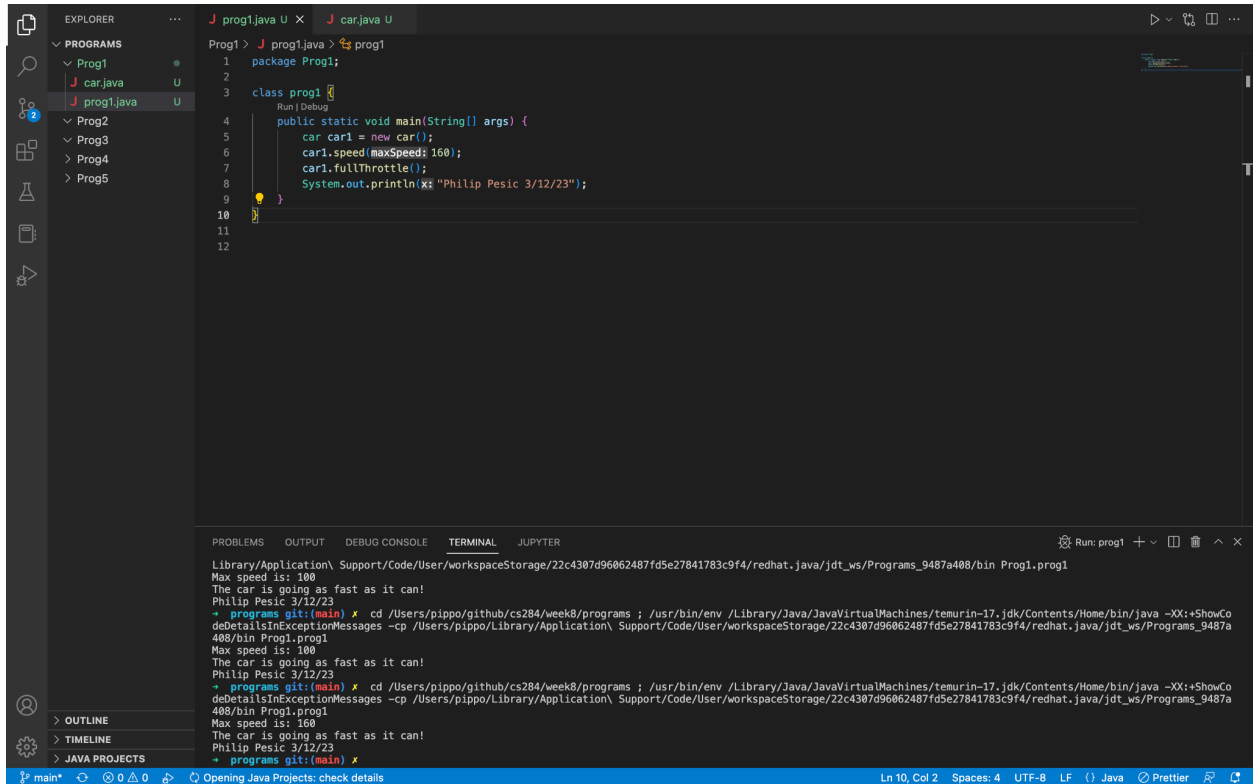
The status bar at the bottom indicates the current file is 'main*' and provides information about the editor, including line and column numbers, encoding, and formatting options.

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The screenshot shows an IDE with a dark theme. The Explorer panel on the left shows a project structure with folders 'PROGRAMS' and 'Progs', and files 'car.java' and 'prog1.java'. The main editor displays the code for 'prog1.java':

```
1 package Prog1;
2
3 class prog1 {
4
5     public static void main(String[] args) {
6         car car1 = new car();
7         car1.speed(maxSpeed: 160);
8         car1.fullThrottle();
9         System.out.println("Philip Pesic 3/12/23");
10    }
11
12 }
```

The bottom panel shows the 'TERMINAL' output:

```
Library/Application\ Support\Code\User\workspaceStorage\22c4307d96062487fd5e27841783c9f4\redhat.java\jdt_ws\Programs_9487a408\bin Prog1.prog1
Max speed is: 100
The car is going as fast as it can!
Philip Pesic 3/12/23
+ programs git:(main) x cd /Users/pippo/github/cs284/week8/programs ; /usr/bin/env /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCo
deDetailsInExceptionMessages -cp /Users/pippo/Library/Application\ Support\Code\User\workspaceStorage\22c4307d96062487fd5e27841783c9f4\redhat.java\jdt_ws\Programs_9487a
408\bin Prog1.prog1
Max speed is: 100
The car is going as fast as it can!
Philip Pesic 3/12/23
+ programs git:(main) x cd /Users/pippo/github/cs284/week8/programs ; /usr/bin/env /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCo
deDetailsInExceptionMessages -cp /Users/pippo/Library/Application\ Support\Code\User\workspaceStorage\22c4307d96062487fd5e27841783c9f4\redhat.java\jdt_ws\Programs_9487a
408\bin Prog1.prog1
Max speed is: 160
The car is going as fast as it can!
Philip Pesic 3/12/23
+ programs git:(main) x
```

The status bar at the bottom indicates 'Ln 10, Col 2', 'Spaces: 4', 'UTF-8', 'LF', 'Java', and 'Prettier'.

I learned how to use multiple classes