

1. Problem Name: Java class,object and constructor related problem.

Problem Code & Output:



The screenshot shows an IDE with a Java file named 'Main.java'. The code defines a 'Car' class with attributes 'brand' and 'price', a constructor, and a 'display' method. A 'Main' class contains a 'main' method that creates a 'Car' object and calls its 'display' method. The terminal on the right shows the output of the program.

```
1 class Car {
2     String brand;
3     int price;
4
5     Car(String b, int p) {
6         brand = b;
7         price = p;
8     }
9
10    void display() {
11        System.out.println("Car Brand: " + brand);
12        System.out.println("Car Price: $" + price);
13    }
14 }
15
16 public class Main {
17     Run | Debug
18     public static void main(String[] args) {
19         Car myCar = new Car("Toyota", 20000);
20         myCar.display();
21     }
22 }
```

TERMINAL

```
\workspaceStorage\8feacacf539c1e8b749456
3b7b526f88\redhat.java\jdk_ws\Lab Report
3_177e2dd0\bin" "Main"
Car Brand: Toyota
Car Price: $20000
PS E:\@CODES\Academic\Java\Lab\Lab Repor
t 3>
```