```java
// Demo class to test the Person class
public class Demo {
    Run main | Debug main
    public static void main(String[] args) {
        // Creating a Person object
        Person person1 = new Person("Alice Johnson", 30, "F");
        System.out.println("Person Details:");
        System.out.println(person1);

        // Modifying person details using setter methods
        person1.setName("Bob Smith");
        person1.setAge(40);
        person1.setGender("M");

        // Displaying updated details
        System.out.println("\nUpdated Person Details:");
        System.out.println(person1);
        // Creating a Student object
        Student lynne = new Student("Lynne Brooke", 16, "F", "HS95129", 3.5);
        System.out.println(lynne);
    }
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS   COMMENTS

```
PS C:\Users\mayja\OneDrive\Documents\Sem3_QAP3_Java> cd "C:\Users\mayja\OneDrive\Documents\Sem3_QAP3_Java"
>>
PS C:\Users\mayja\OneDrive\Documents\Sem3_QAP3_Java> javac Person.java Student.java Demo.java
>>
PS C:\Users\mayja\OneDrive\Documents\Sem3_QAP3_Java> java Demo
>>
Person Details:
Alice Johnson, Age: 30, Gender: F

Updated Person Details:
Bob Smith, Age: 40, Gender: M
Lynne Brooke, Age: 16, Gender: F, ID: HS95129, GPA: 3.5
PS C:\Users\mayja\OneDrive\Documents\Sem3_QAP3_Java>
```