

The screenshot shows the Visual Studio Code editor with the 'PRAKTIKUM OOP' project open. The Explorer sidebar on the left shows the project structure, including folders for 'MODUL 0', 'MODUL 1', 'MODUL 2', 'MODUL 3', and 'MODUL 3\_ALFIRA'. The 'MODUL 3\_ALFIRA' folder is expanded, showing subfolders like '.vscode', 'bin', 'lib', and 'src'. The 'src' folder contains files 'App.java', 'Admin.java', 'Main.java', 'Student.java', 'Teacher.java', and 'User.java'. The 'User.java' file is selected and its content is displayed in the main editor. The code defines a 'User' class with protected attributes 'name' and 'id', a constructor, and a 'getUserDetails()' method.

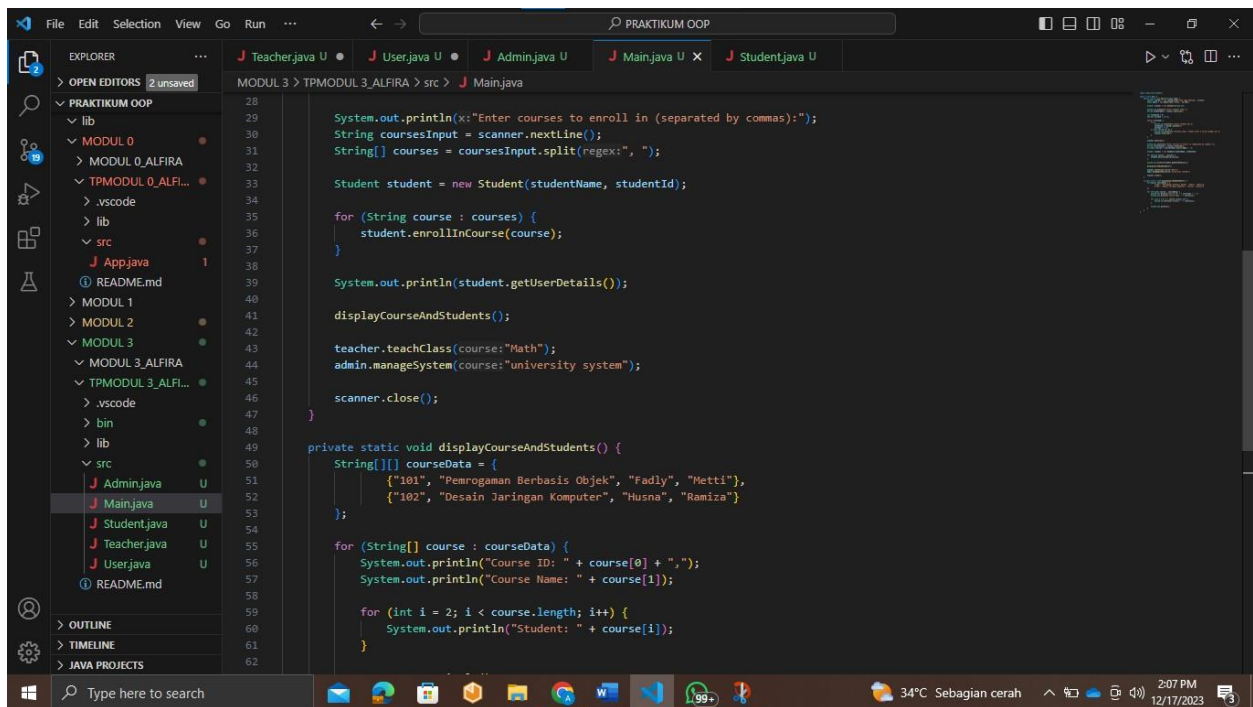
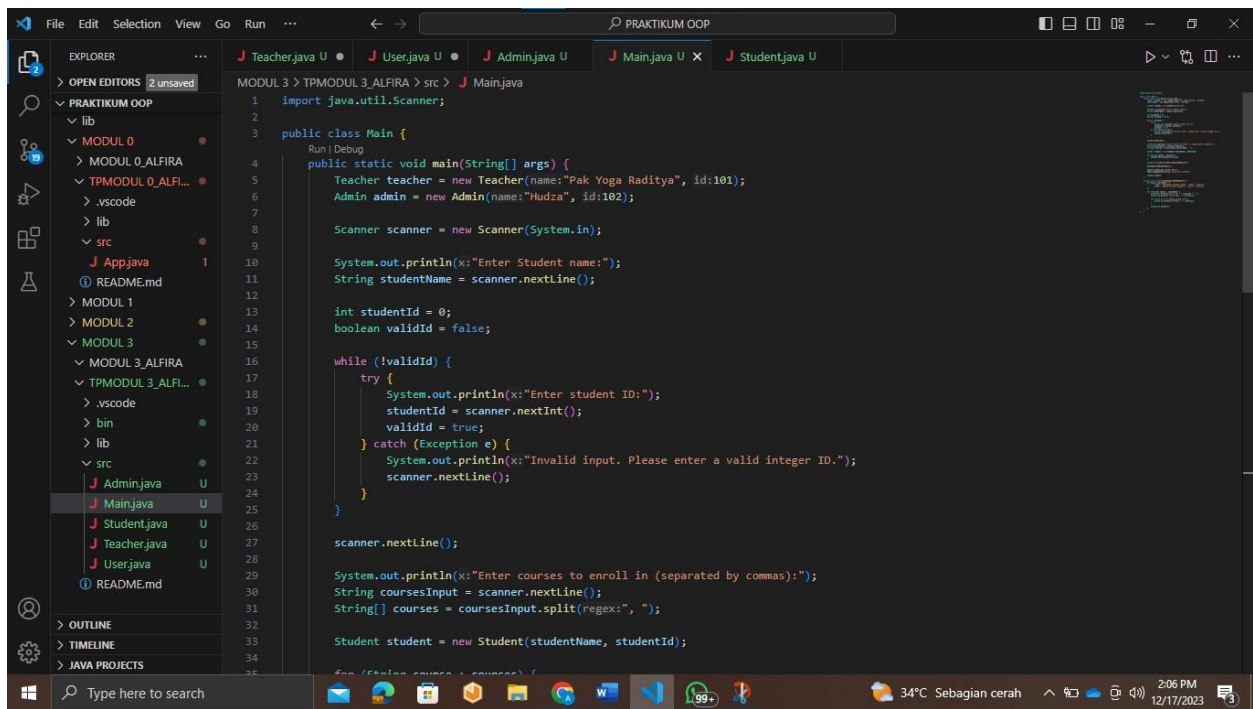
```
1 public class User {
2     protected String name;
3     protected int id;
4
5     public User(String name, int id) {
6         this.name = name;
7         this.id = id;
8     }
9
10    public String getUserDetails() {
11        return "Name: " + name + ", ID: " + id;
12    }
13 }
14
```

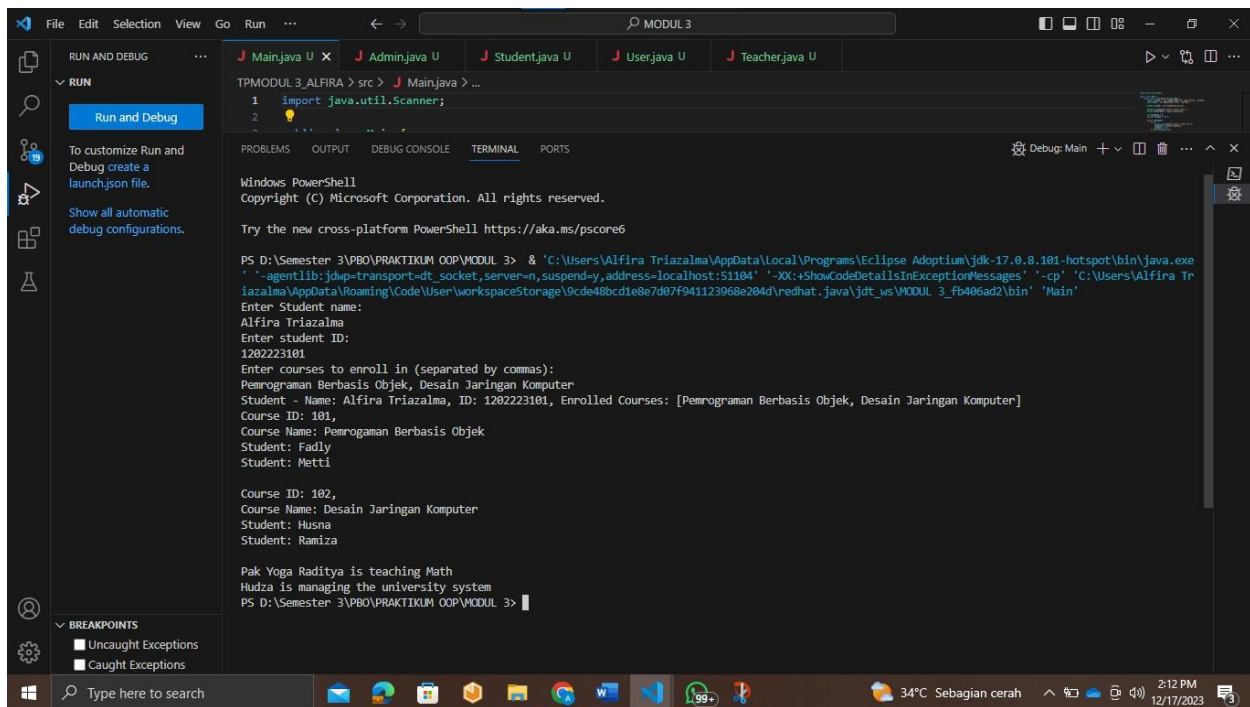
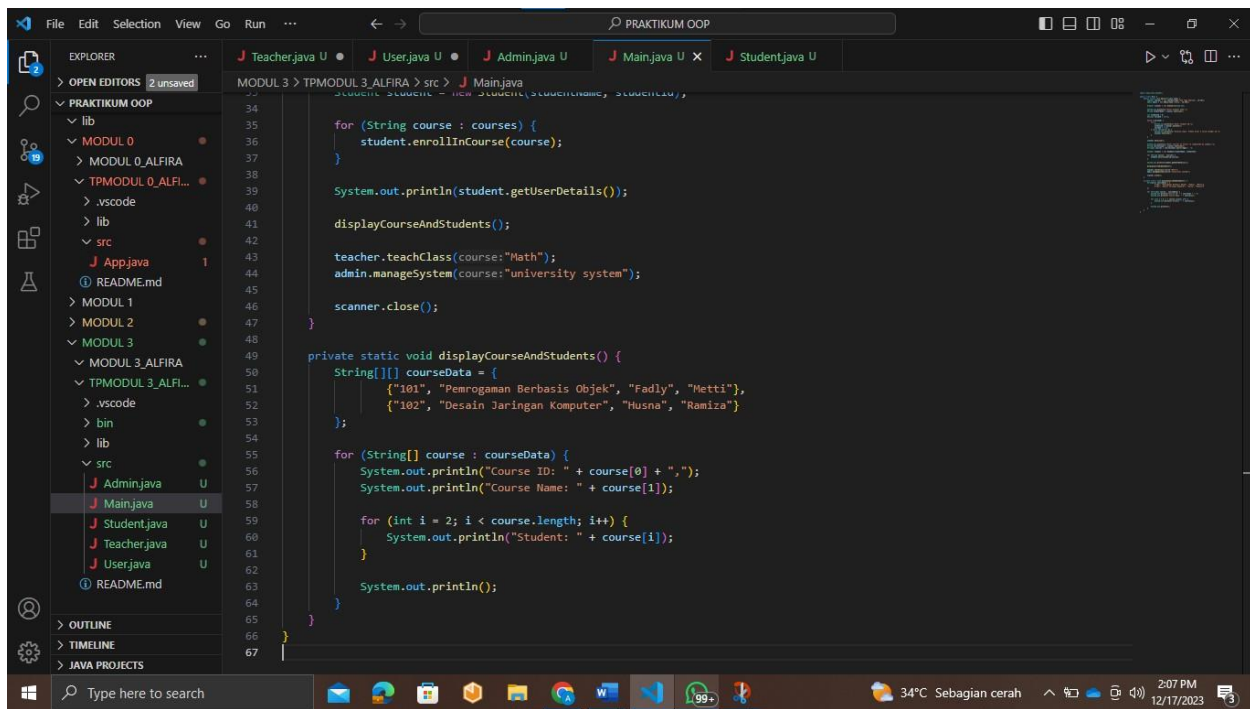
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```
1 public class Admin extends User {
2     public Admin(String name, int id) {
3         super(name, id);
4     }
5
6     public void manageSystem(String course) {
7         System.out.println(name + " is managing the university system");
8     }
9
10    @Override
11    public String getUserDetails() {
12        return name + " is an admin. " + super.getUserDetails();
13    }
14 }
15
```

```
1 public class Teacher extends User {
2     public Teacher(String name, int id) {
3         super(name, id);
4     }
5
6     public void teachClass(String course) {
7         System.out.println(name + " is teaching " + course);
8     }
9
10    @Override
11    public String getUserDetails() {
12        return name + " is a teacher. " + super.getUserDetails();
13    }
14 }
15
```

```
1 import java.util.ArrayList;
2
3 public class Student extends User {
4     protected ArrayList<String> enrolledCourses = new ArrayList<>();
5
6     public Student(String name, int id) {
7         super(name, id);
8     }
9
10    public void enrollInCourse(String course) {
11        enrolledCourses.add(course);
12    }
13
14    @Override
15    public String getUserDetails() {
16        return "Student - " + super.getUserDetails() + ", Enrolled Courses: " + enrolledCourses;
17    }
18 }
19
```





OOPLALA-ALFIRA-120222310

github.com/alfiratria/

OOPLALA-ALFIRA-120222310/tree/master/

MODUL%203/TPMODUL%203\_ALFIRA/src

alfiratria / OOPLALA-ALFIRA-120222310

Type to search

CodeIssuesPull requestsActionsProjectsWikiSecurityInsightsSettings

master

OOPLALA-ALFIRA-120222310 / MODUL 3 / TPMODUL 3\_ALFIRA / src

Go to file

Add file

...

alfiratria

modul 3 commit

eedd9d5 · 14 minutes ago

History

This branch is 33 commits ahead of, 3 commits behind main.

Contribute

Name	Last commit message	Last commit date
..		
Admin.java	modul 3 commit	14 minutes ago
Main.java	modul 3 commit	14 minutes ago
Student.java	modul 3 commit	14 minutes ago
Teacher.java	modul 3 commit	14 minutes ago
User.java	modul 3 commit	14 minutes ago

Type here to search

33°C Cerah

2:28 PM 12/17/2023