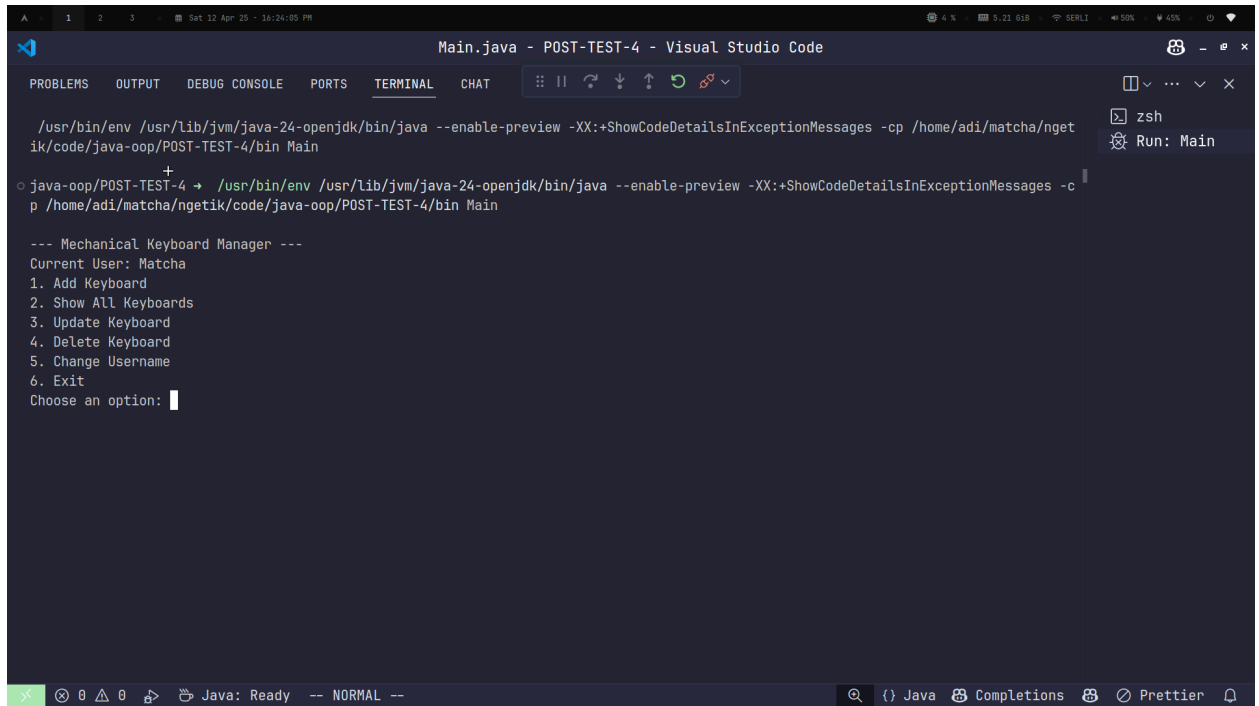


# SS Program

## 1. Menu

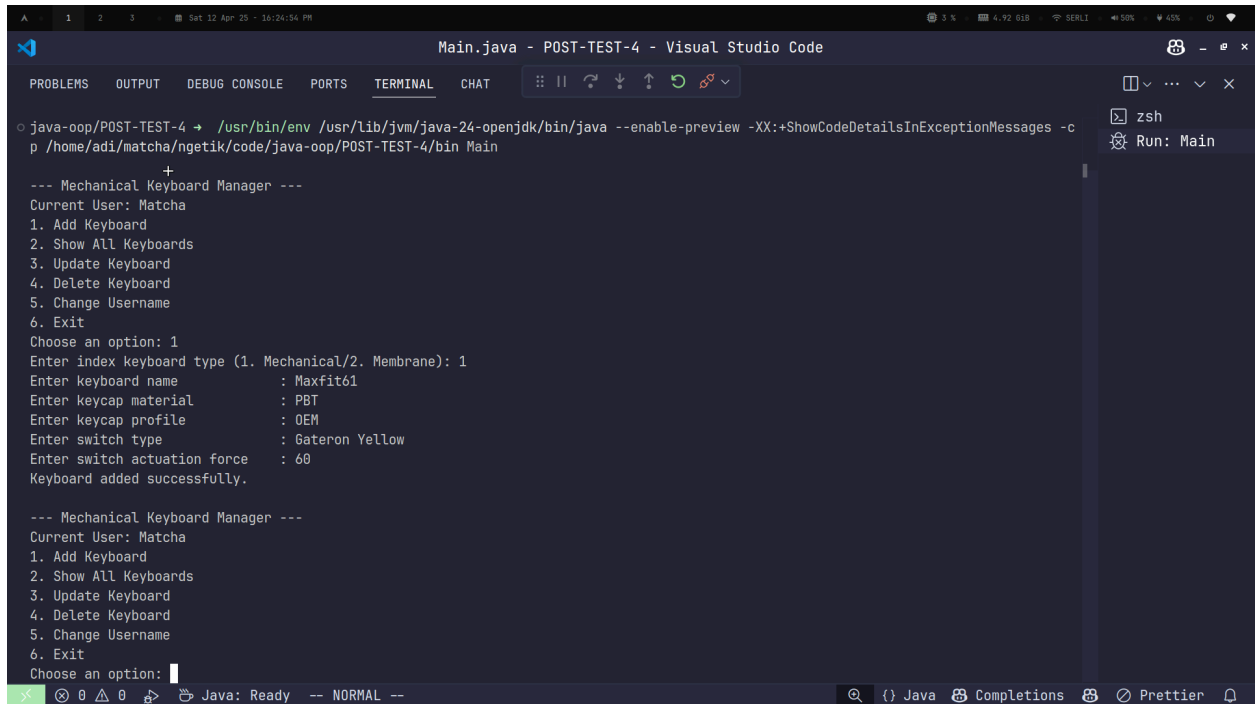


```

Main.java - POST-TEST-4 - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE PORTS TERMINAL CHAT
/usr/bin/env /usr/lib/jvm/java-24-openjdk/bin/java --enable-preview -XX:+ShowCodeDetailsInExceptionMessages -cp /home/adi/matcha/ngetik/code/java-oop/POST-TEST-4/bin Main
+
o java-oop/POST-TEST-4 + /usr/bin/env /usr/lib/jvm/java-24-openjdk/bin/java --enable-preview -XX:+ShowCodeDetailsInExceptionMessages -cp /home/adi/matcha/ngetik/code/java-oop/POST-TEST-4/bin Main

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 
```

## 2. Add Keyboard

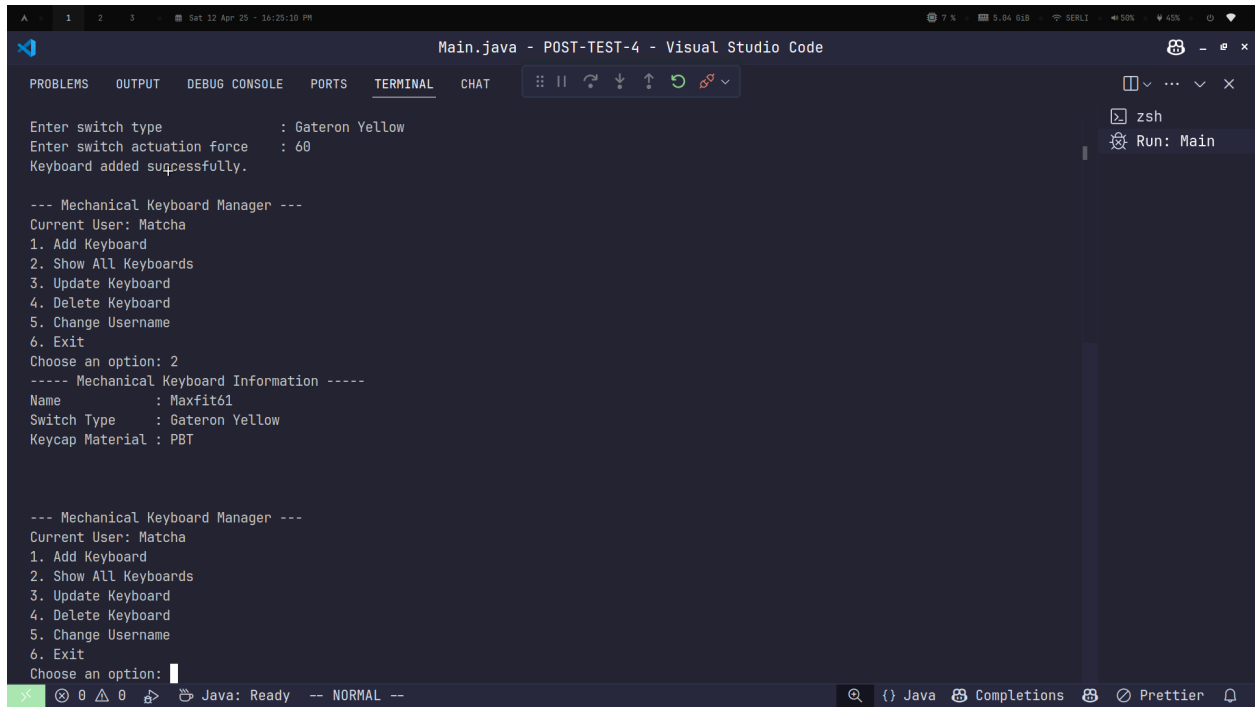


```

Main.java - POST-TEST-4 - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE PORTS TERMINAL CHAT
o java-oop/POST-TEST-4 + /usr/bin/env /usr/lib/jvm/java-24-openjdk/bin/java --enable-preview -XX:+ShowCodeDetailsInExceptionMessages -cp /home/adi/matcha/ngetik/code/java-oop/POST-TEST-4/bin Main
+
--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 1
Enter index keyboard type (1. Mechanical/2. Membrane): 1
Enter keyboard name      : Maxfit61
Enter keycap material    : PBT
Enter keycap profile     : OEM
Enter switch type       : Gateron Yellow
Enter switch actuation force : 60
Keyboard added successfully.

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 
```

### 3. Show Keyboard



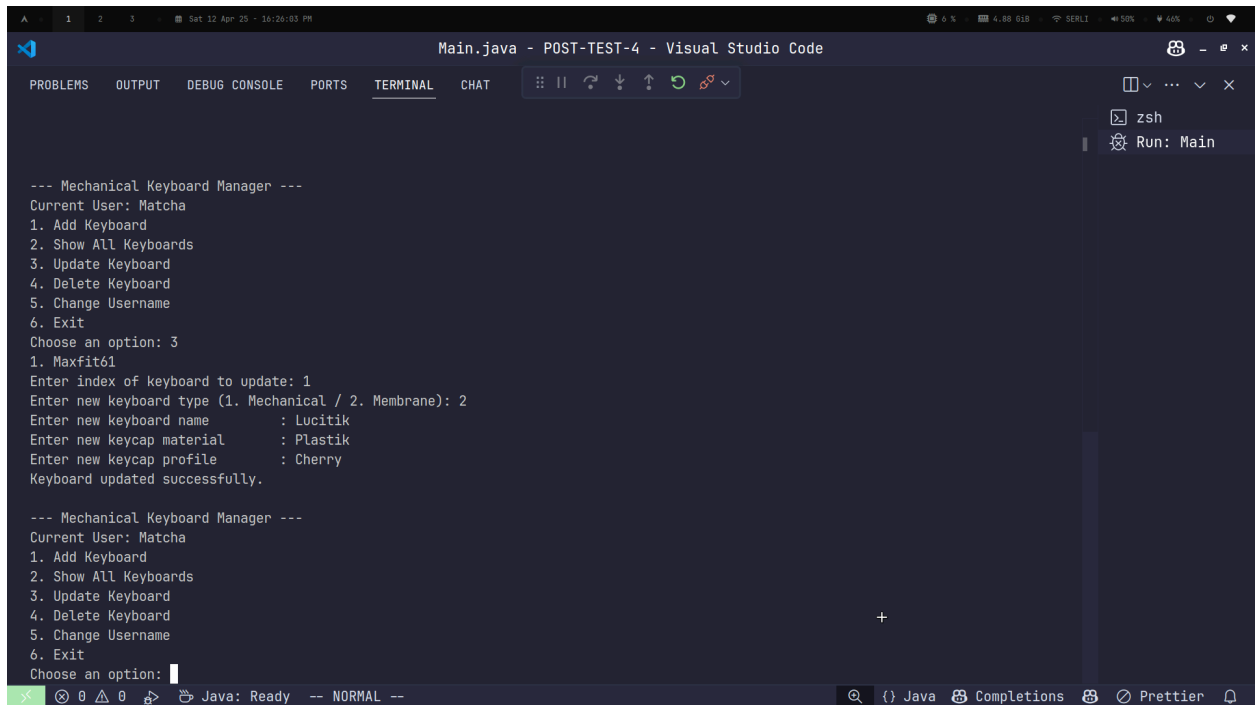
The screenshot shows a Visual Studio Code window with a terminal running a Java application. The application is a 'Mechanical Keyboard Manager' with a menu of options. The user has selected option 2, 'Show All Keyboards'. The terminal displays the details of a keyboard named 'Maxfit61' with a 'Gateron Yellow' switch type and 'PBT' keycap material. The status bar at the bottom indicates the file is 'Main.java' and the language is 'Java'.

```
Enter switch type      : Gateron Yellow
Enter switch actuation force : 60
Keyboard added successfully.

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 2
----- Mechanical Keyboard Information -----
Name       : Maxfit61
Switch Type : Gateron Yellow
Keycap Material : PBT

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 
```

### 4. Update Keyboard

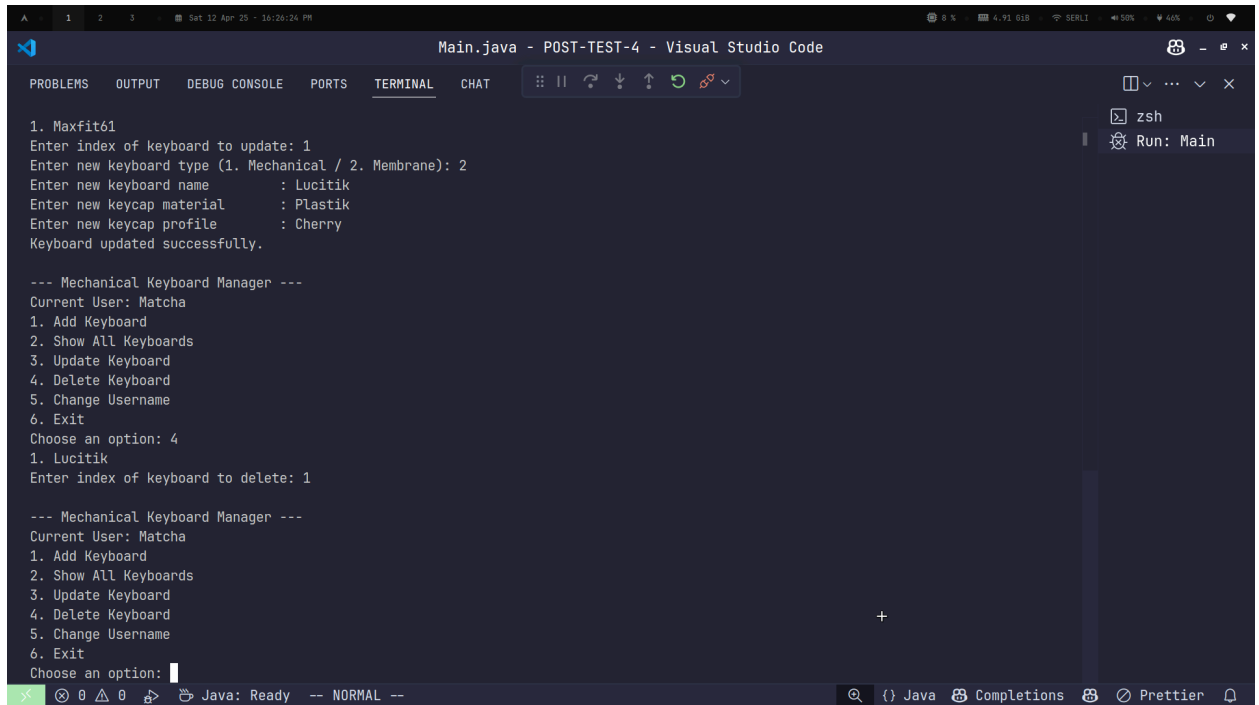


The screenshot shows the same Visual Studio Code window, but the user has now selected option 3, 'Update Keyboard'. The terminal prompts the user to enter the index of the keyboard to update (1), the new keyboard type (2 for Membrane), the new keyboard name ('Lucitik'), the new keycap material ('Plastik'), and the new keycap profile ('Cherry'). The terminal then displays the updated keyboard details. The status bar remains the same.

```
--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 3
1. Maxfit61
Enter index of keyboard to update: 1
Enter new keyboard type (1. Mechanical / 2. Membrane): 2
Enter new keyboard name      : Lucitik
Enter new keycap material    : Plastik
Enter new keycap profile     : Cherry
Keyboard updated successfully.

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 
```

## 5. Delete Keyboard



The screenshot shows a Visual Studio Code window with a terminal running a Java application. The application is a 'Mechanical Keyboard Manager' that allows users to manage keyboards. The user has selected option 4, 'Delete Keyboard', and entered '1' as the index of the keyboard to delete. The application successfully deleted the keyboard and displayed the updated menu.

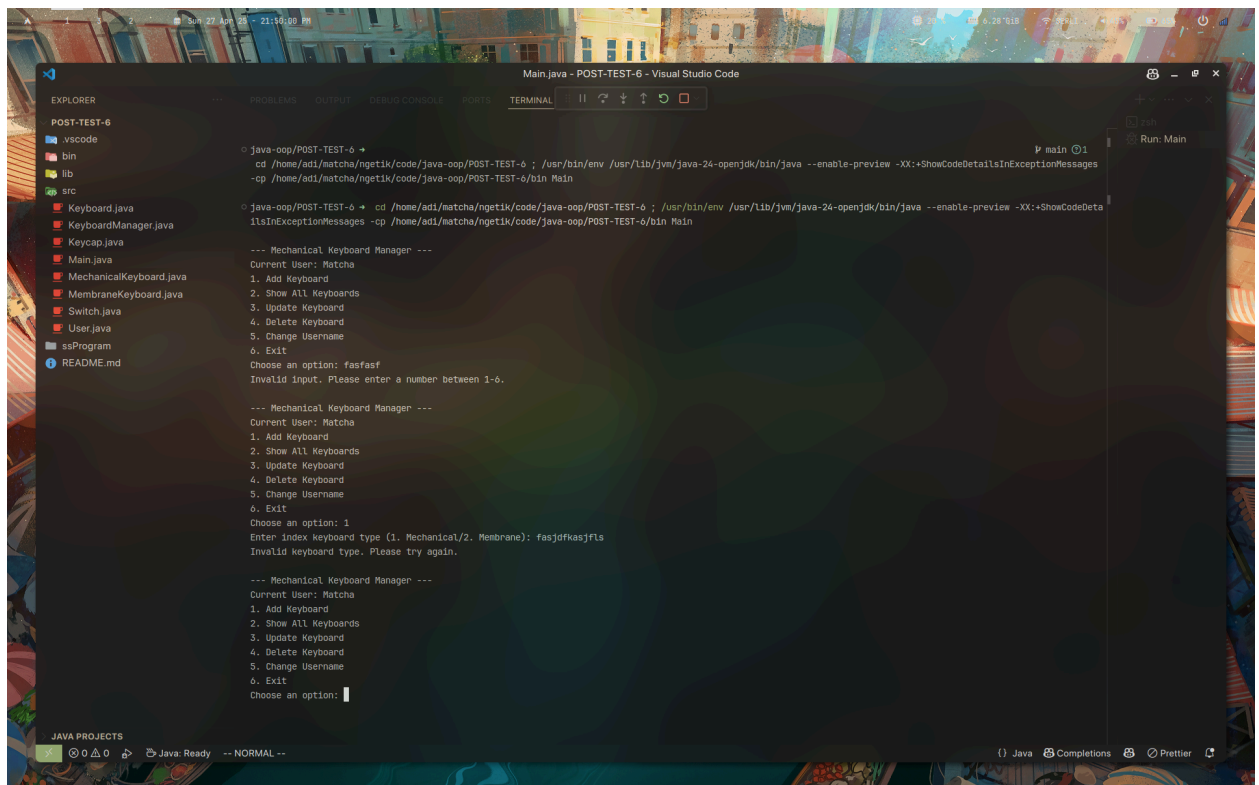
```
Main.java - POST-TEST-4 - Visual Studio Code

1. Maxfit61
Enter index of keyboard to update: 1
Enter new keyboard type (1. Mechanical / 2. Membrane): 2
Enter new keyboard name      : Lucitik
Enter new keycap material     : Plastik
Enter new keycap profile      : Cherry
Keyboard updated successfully.

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 4
1. Lucitik
Enter index of keyboard to delete: 1

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 
```

## 6. Error Handling



The screenshot shows a Visual Studio Code window with a terminal running a Java application. The application is a 'Mechanical Keyboard Manager' that allows users to manage keyboards. The user has selected option 4, 'Delete Keyboard', and entered '1' as the index of the keyboard to delete. The application successfully deleted the keyboard and displayed the updated menu. The user then entered 'fasf' as the keyboard type, which resulted in an 'Invalid Input. Please enter a number between 1-6.' error message. The application then displayed the updated menu again.

```
Main.java - POST-TEST-6 - Visual Studio Code

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: fasf
Invalid Input. Please enter a number between 1-6.

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 1
Enter index keyboard type (1. Mechanical/2. Membrane): fasf
Invalid keyboard type. Please try again.

--- Mechanical Keyboard Manager ---
Current User: Matcha
1. Add Keyboard
2. Show All Keyboards
3. Update Keyboard
4. Delete Keyboard
5. Change Username
6. Exit
Choose an option: 
```