

Bài 1

```
private JTextField tfInput;
private JTextField tfOutput;
private int sum = 0; // Accumulated sum, init to 0

// Constructor to setup the GUI components and event handlers
public SwingAccumulator() {
    Container cp = getContentPane();
    cp.setLayout(new GridLayout(2, 2));

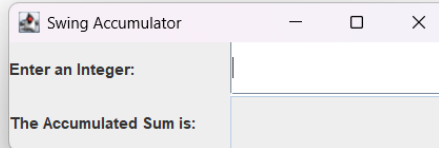
    cp.add(new JLabel("Enter an Integer: "));

    tfInput = new JTextField(10);
    cp.add(tfInput);
    tfInput.addActionListener(new TFInputListener());

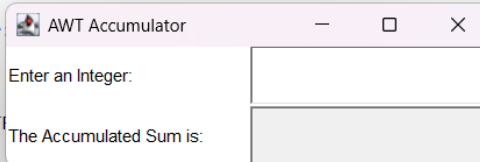
    cp.add(new JLabel("The Accumulated Sum is: "));

    tfOutput = new JTextField(10);
    tfOutput.setEditable(false);
    cp.add(tfOutput);

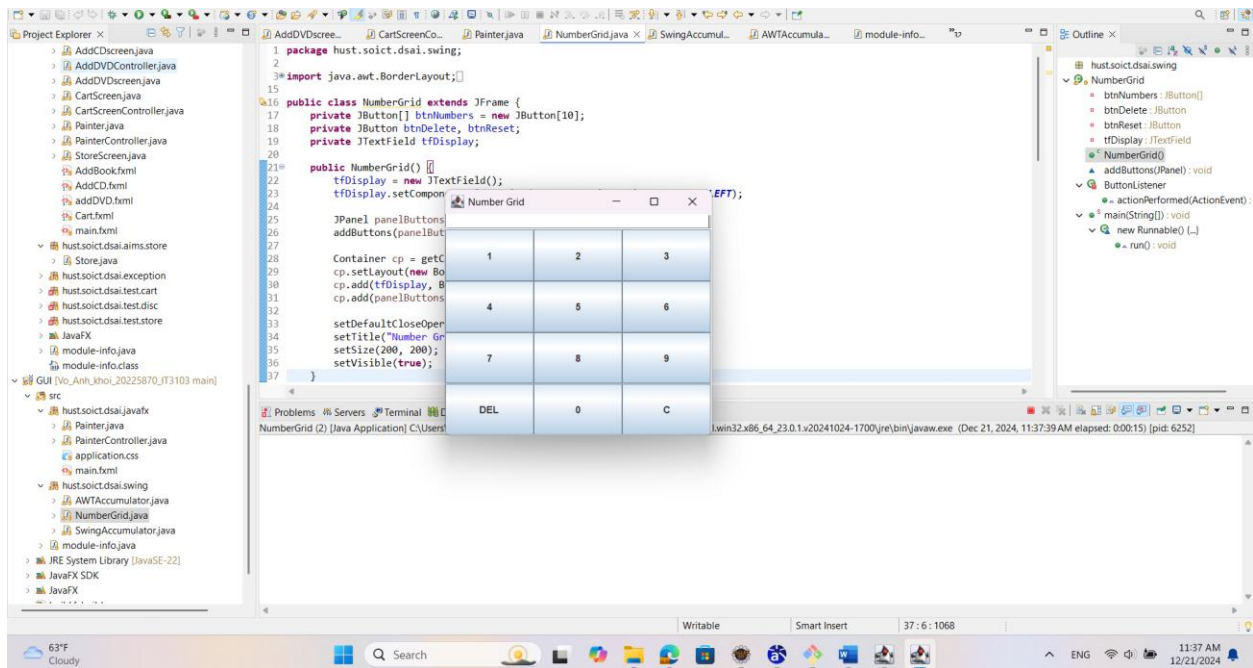
    setTitle("Swing Accumulator");
    setSize(350, 120);
    setVisible(true);
}
```



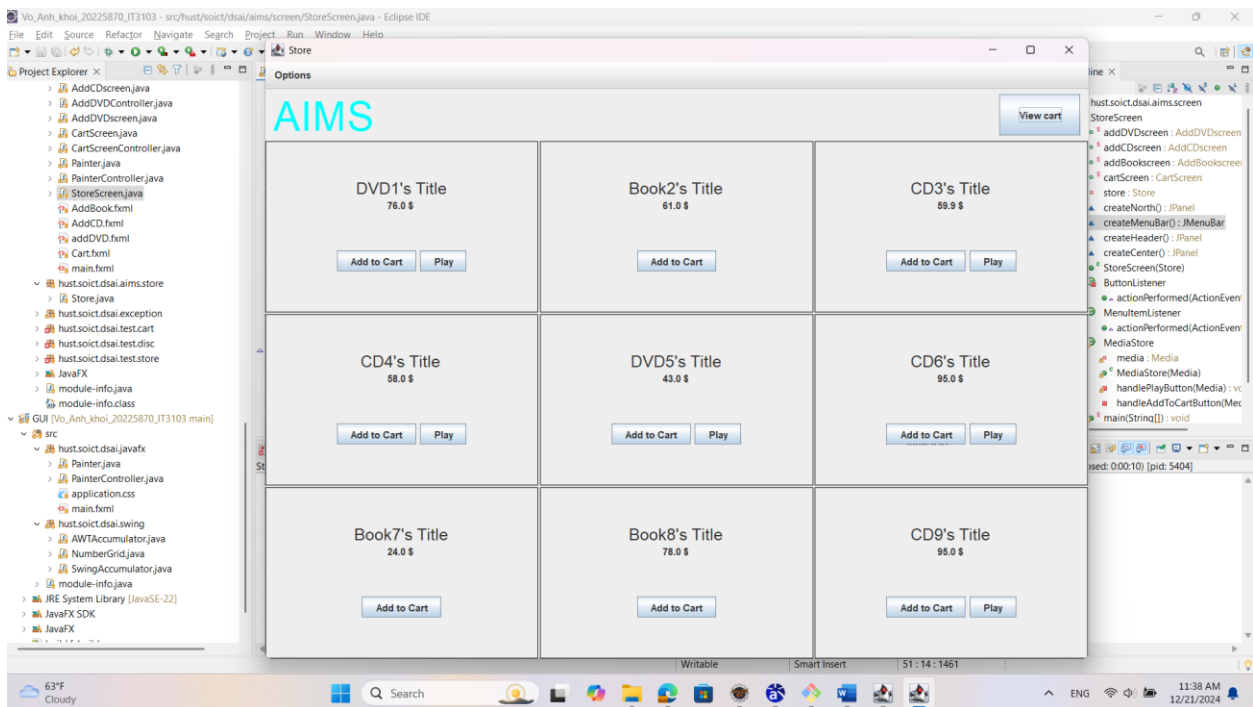
```
1 package hust.soict.dsai.swing;
2
3 import java.awt.Frame;
11
12 public class AWTAccumulator extends Frame {
13     private TextField tfInput;
14     private TextField tfOutput;
15     private int sum = 0; // Accumulated sum, init to 0
16
17     // Constructor to setup the GUI components and event handlers
18     public AWTAccumulator() {
19         setLayout(new GridLayout(2, 2));
20
21         add(new Label("Enter an Integer: "));
22
23         tfInput = new TextField(10);
24         add(tfInput);
25         tfInput.addActionListener(new TFInputListener());
26
27         add(new Label("The Accumulated Sum is: "));
28
29         tfOutput = new TextField(10);
30         tfOutput.setEditable(false);
31         add(tfOutput);
32
33         setTitle("AWT Accumulator");
```



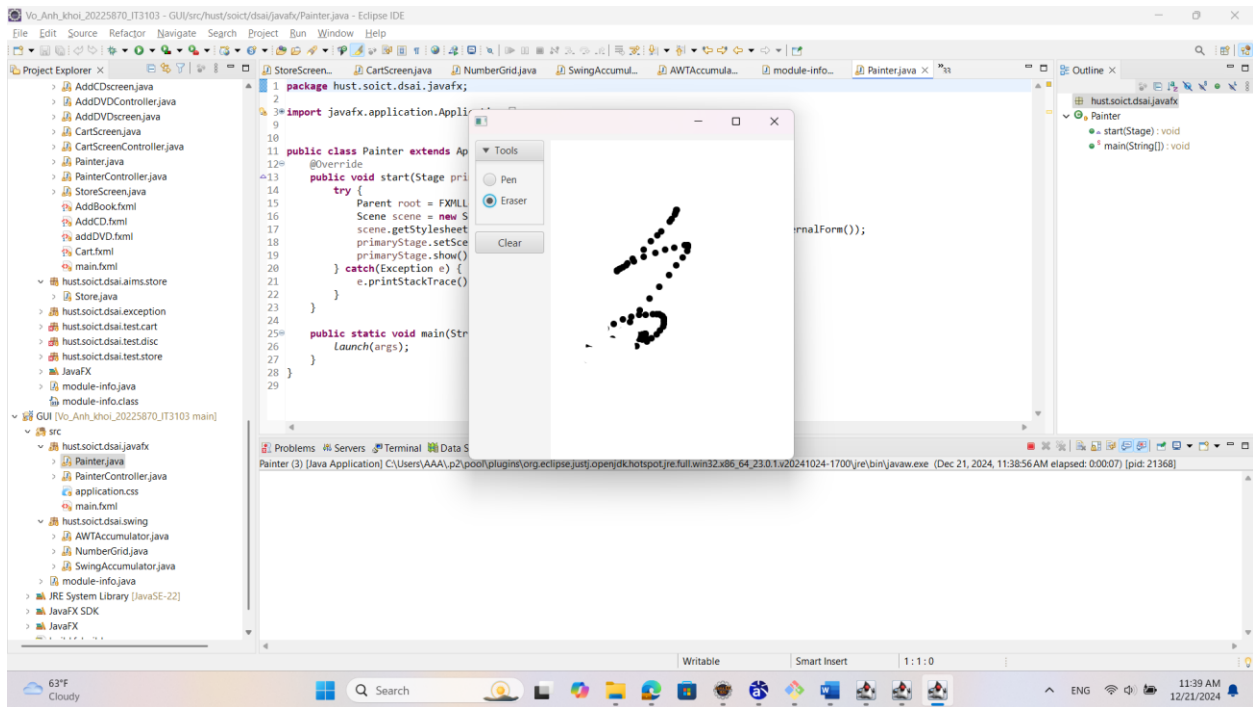
Bài 2



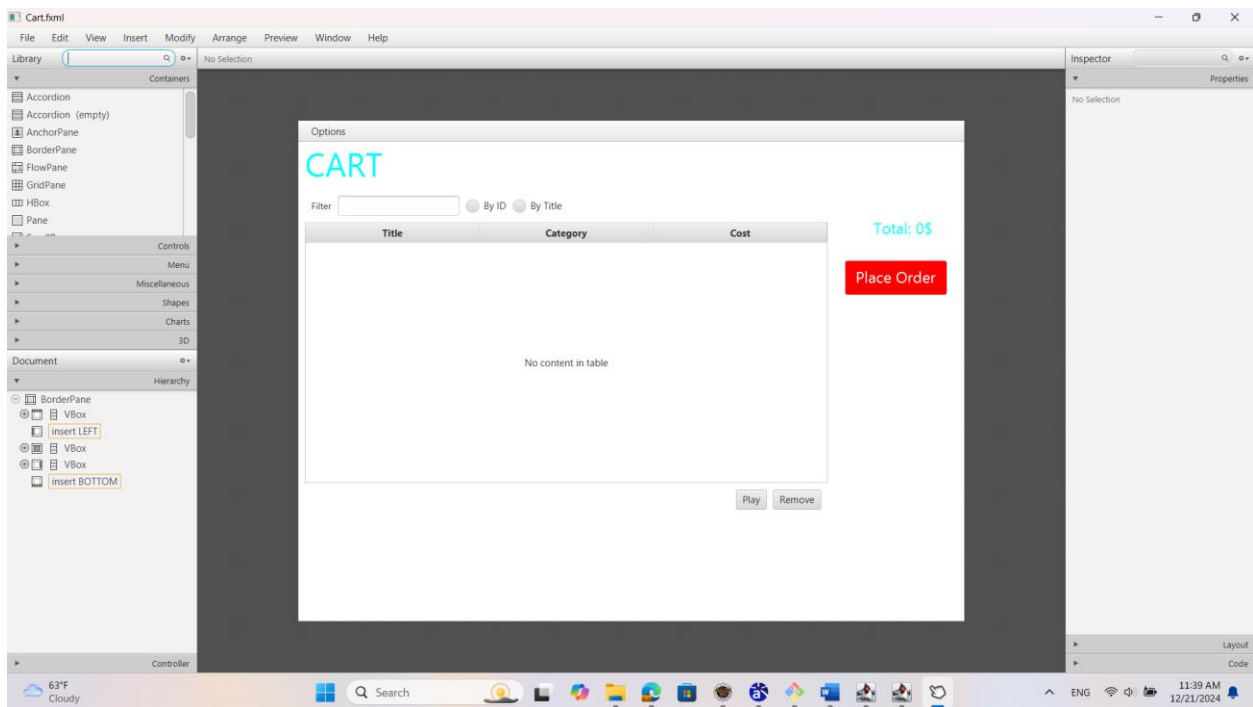
BÀI 3



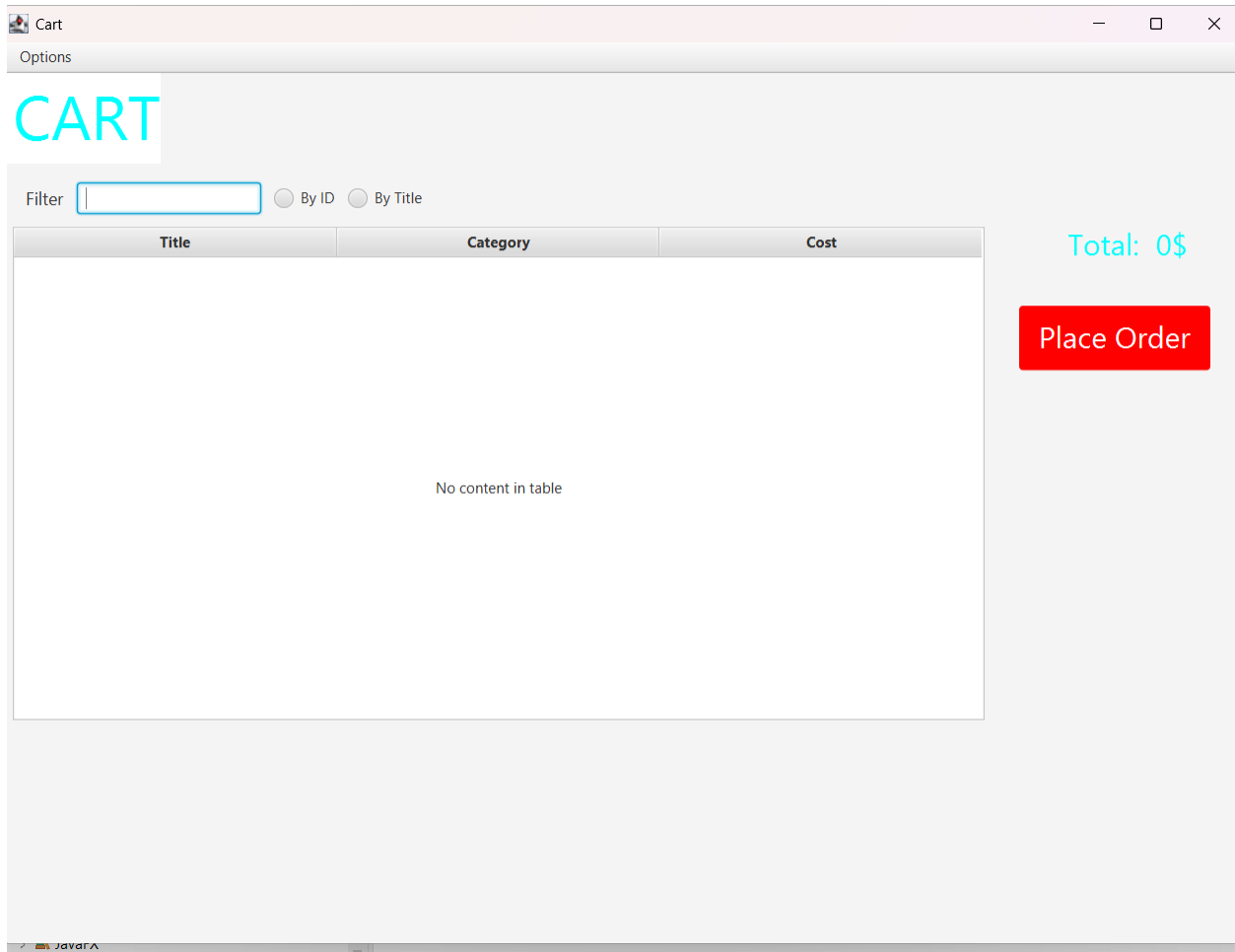
Bài 4



Bài 5



Bài 6, 7



Bài 8

```

66 private void initialize() { // Khoi tạo
67     colMediaTitle.setCellValueFactory(new PropertyValueFactory<>("title"));
68     colMediaCategory.setCellValueFactory(new PropertyValueFactory<>("category"));
69     colMediaCost.setCellValueFactory(new PropertyValueFactory<>("cost"));
70     tblMedia.setItems(this.cart.getItemsOrdered());
71     setTotal();
72     btnPlay.setVisible(false);
73     btnRemove.setVisible(false);
74
75     tblMedia.getSelectionModel().selectedItemProperty().addListener(new ChangeListener<Media>() {
76
77         @Override
78         public void changed(ObservableValue<? extends Media> arg0, Media arg1, Media arg2) {
79             // TODO Auto-generated method stub
80             if (arg2 != null)
81                 updateButtonBar(arg2);
82         }
83
84         private void updateButtonBar(Media arg2) {
85             btnRemove.setVisible(true);
86             if (arg2 instanceof Playable)
87                 btnPlay.setVisible(true);
88             else
89                 btnPlay.setVisible(false);
90

```

Bài 9

```
void btnRemovePressed(ActionEvent event)
// remove button
{
    Media media = tblMedia.getSelectionModel().getSelectedItem();
    cart.removeItem(media);
    setTotal();
}
```

Bài 11

Cart

Options

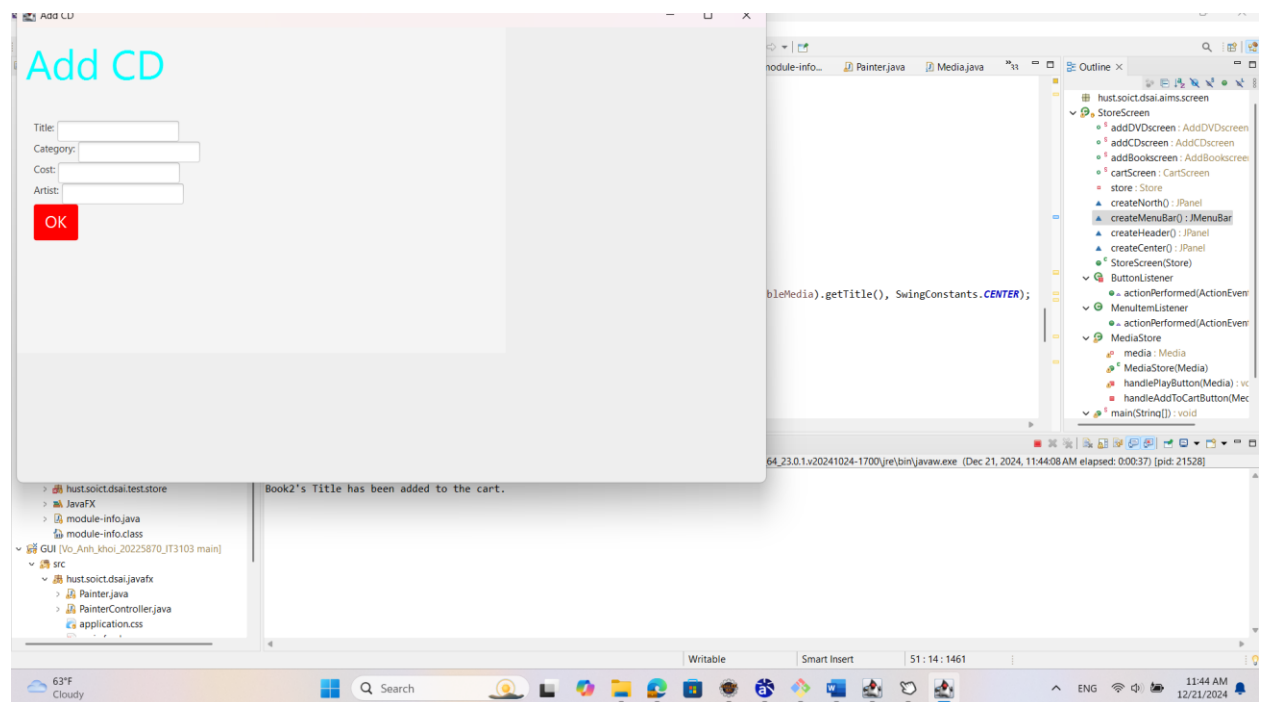
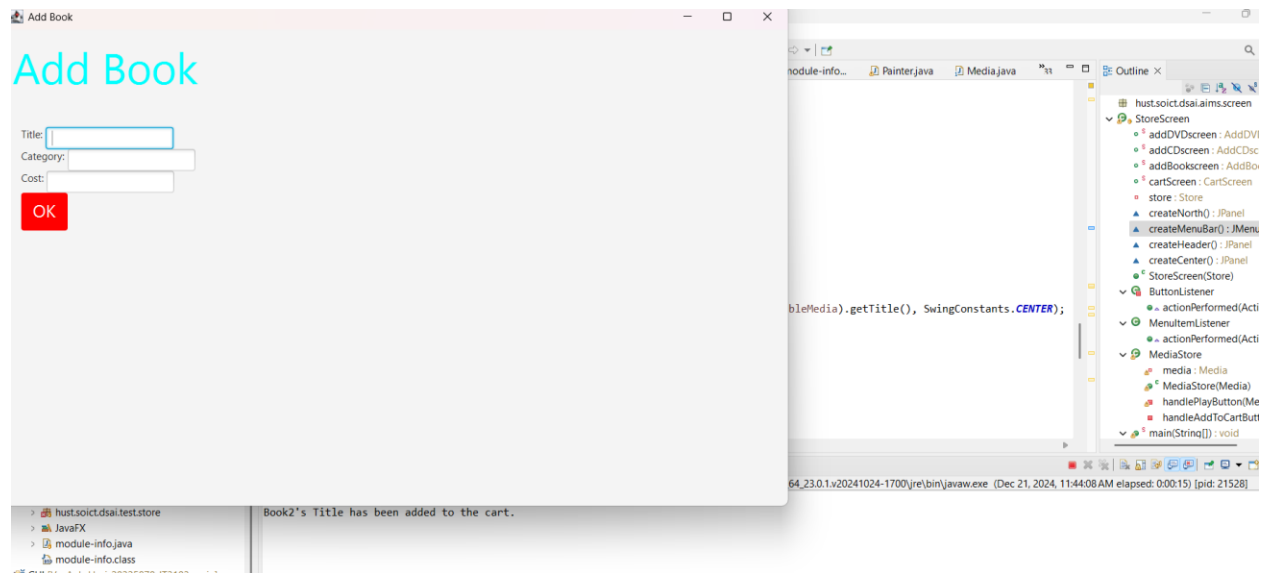
CART

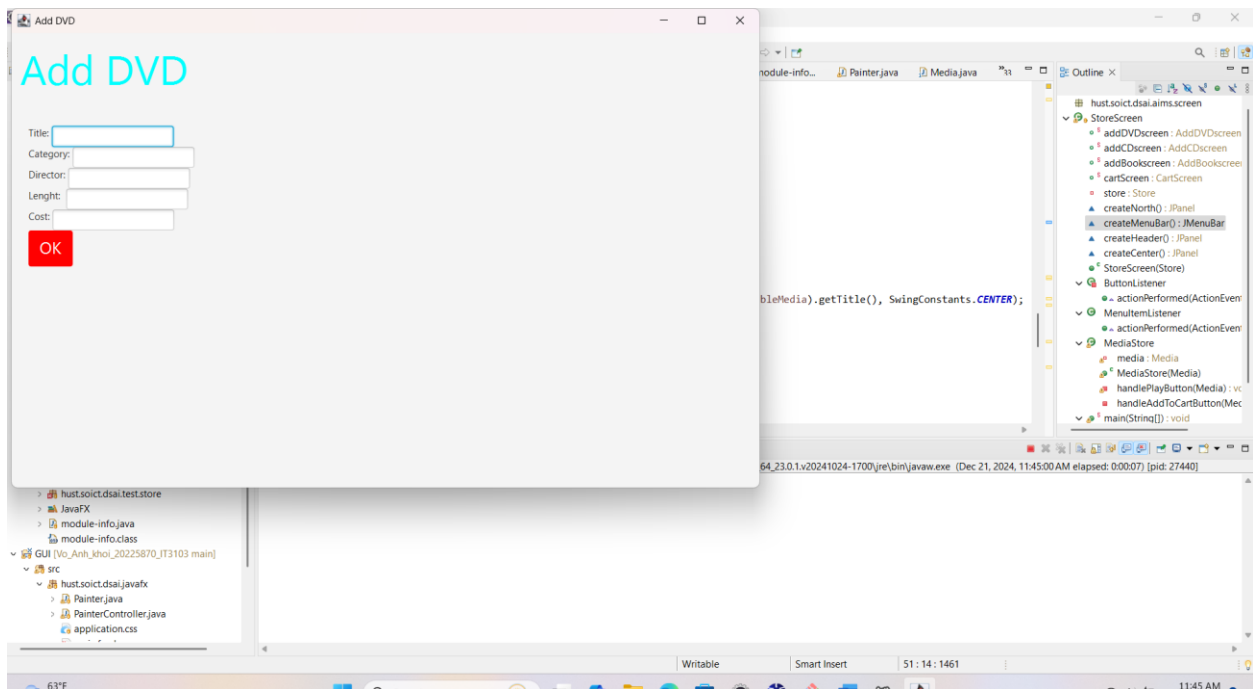
Filter ☐ By ID ☐ By Title

Title	Category	Cost
DVD1's Title	Category	76.0
Book2's Title	Category	61.0

Total: 137.00\$

Place Order





Bài 13

```

1 package hust.soict.dsai.exception;
2 import javax.swing.*;
3
4 public class PlayerException extends Exception{
5     public PlayerException(String message) {
6         super(message);
7         JOptionPane.showMessageDialog(null, message, "Warning", JOptionPane.WARNING_MESSAGE);
8     }
9 }

```