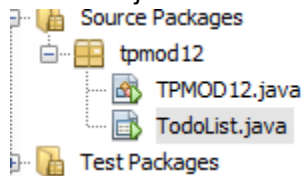Nama : rafie aydin ihsan

Kelas : se-46-04
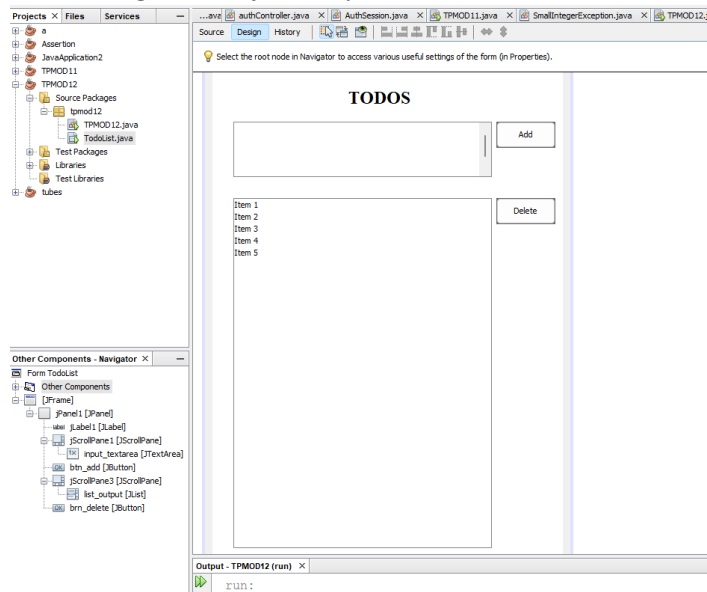
1. Membuat jForm TodoList java

2. Membuat model untuk list nya

```java
public DefaultListModel model = new DefaultListModel(); // def
/**
 * Creates new form TodoList
 */
public TodoList() {
    initComponents();
    list_output.setModel(model); // buat cleat model
    input_textarea.setText(""); // clear text area
}
```

3. Membuat gui untuk jForm nya
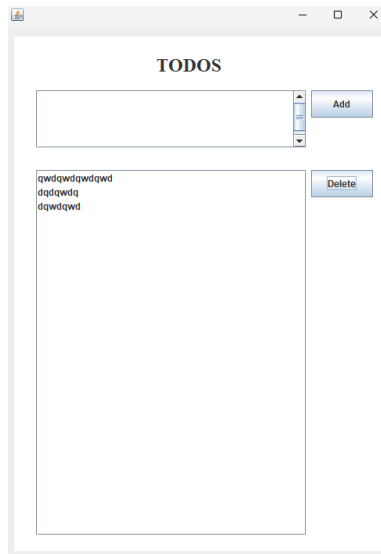

4. Membuat btn action add dan delete nya

```java
private void btn_addActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String input = input_textarea.getText();
    if(input.isEmpty()){
        JOptionPane.showMessageDialog(this, "Tidak ada task yang di tambahkan", "Message", JOptionPane.CANCEL_
    }else{
        System.out.println(input);
        model.addElement(input);
        list_output.setModel(model);
        input_textarea.setText("");
    }

}

private void brn_deleteActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    //System.out.println(index);
    try{
        int index = list_output.getSelectedIndex();
        System.out.println(index);
        if(index > 0){
            throw new Exception("");
        }else{
            this.model.remove(index); // delete the index
        }
    }catch(Exception e){
        JOptionPane.showMessageDialog(this, e.getMessage(), "Error", JOptionPane.ERROR_MESSAGE);
    }

}
```

5. Call jForm di main nya;

```java
*/
public class TPMOD12 {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
        TodoList todo = new TodoList();
        todo.setVisible(true);
    }

}
```

6. Output :
   a. View

   b. Error Message