

# Personal Finance Tracker

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**Group : CD 11**

**Team Members :**

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# Agenda

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- Introduction
- Objectives
- Elements used in project
- Screens and Outputs
- Conclusion

# Introduction

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A dynamic and user-friendly app transforming how people manage their money. It lets users create unique spending categories aligned with their lifestyle, bridging the gap from hobbies to daily essentials. With its intuitive virtual interface reminiscent of traditional finance paper, it turns financial management into a personalized, enjoyable experience, emphasizing personal expression over mere numbers. This tracker simplifies adding and categorizing expenses, whether for leisure or necessities, with interactive and colorful segments, providing unique insights into your life. It's not just a financial tool; it's your personalized, interactive financial companion, making money management both organized and fun.



# Objectives

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Our project's primary aims are to improve users' financial knowledge, assist in expense tracking, manage various income sources, establish budgets, enable customization of spending categories, prioritize privacy and security, and provide a user-friendly interface. In short, we aim to enhance financial awareness and effective money management through our user-friendly system.



# Elements Used in the Project

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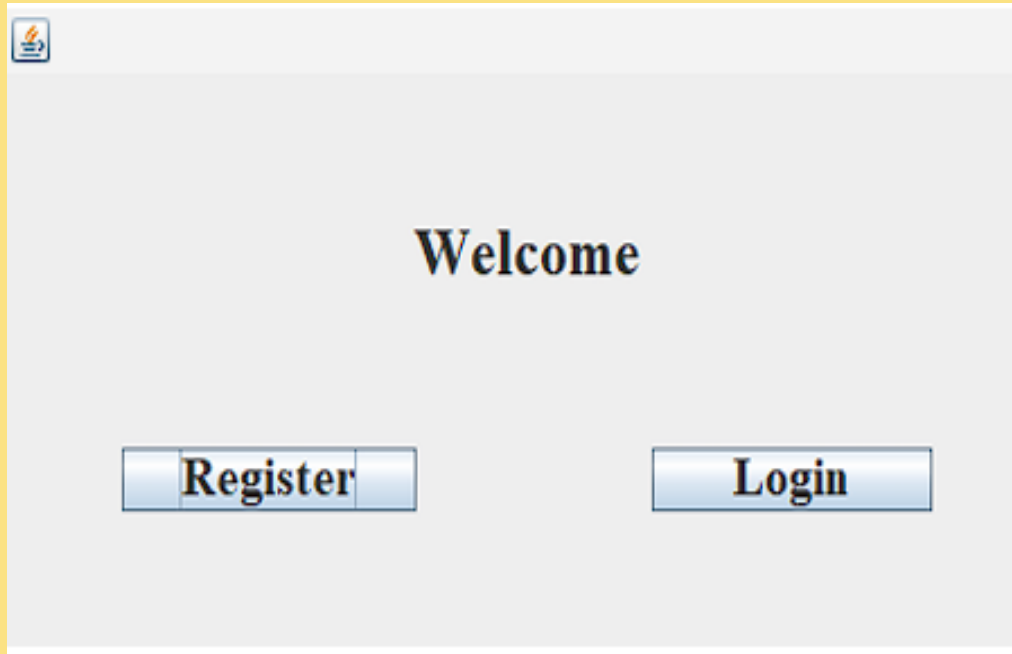
- Java Programming Language
- Eclipse Ide
- User Interface Database MySQL connector
- Xmapp Mysql
- Php
- Swing JDBC
- Reports and Analysis
- Security Measures
- 



# Screens

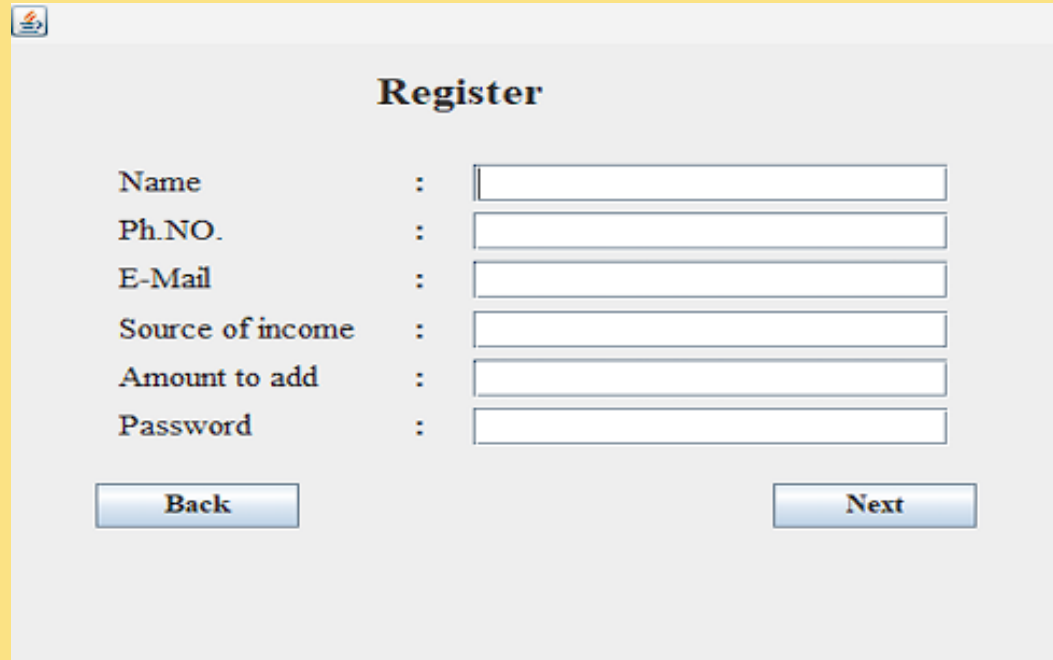
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Screen 1 :



Screen 1 is a light gray window with a small icon in the top-left corner. The word "Welcome" is centered in a large, bold, black serif font. Below it, there are two blue buttons with white text: "Register" on the left and "Login" on the right.

Screen 2 :

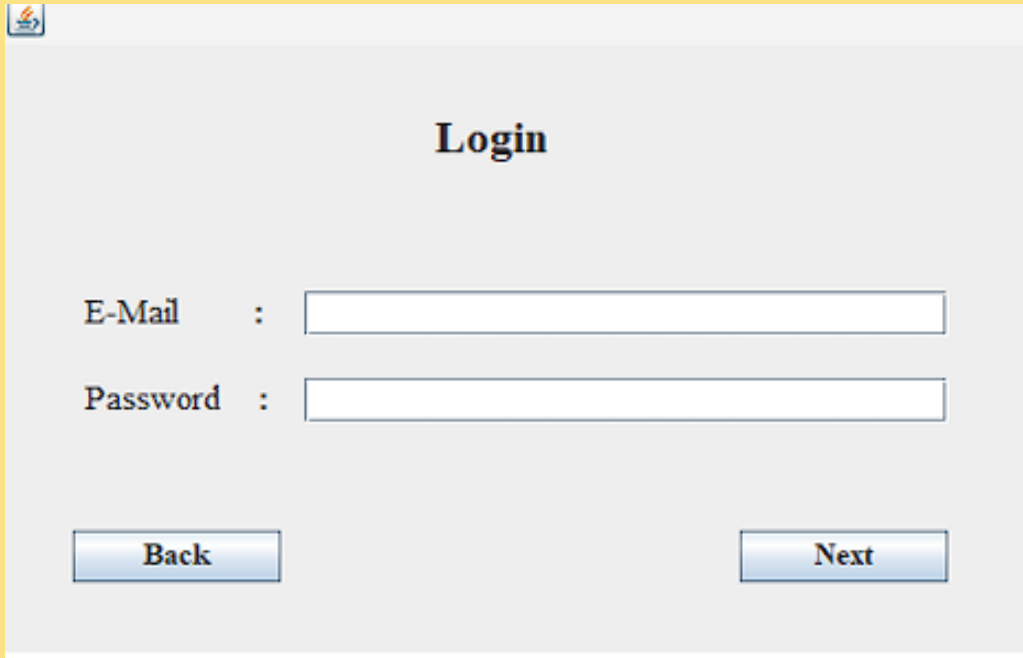


Screen 2 is a light gray window with a small icon in the top-left corner. The title "Register" is centered at the top in a bold, black serif font. Below the title, there are six rows of labels followed by a colon and a text input field: "Name", "Ph.NO.", "E-Mail", "Source of income", "Amount to add", and "Password". At the bottom, there are two blue buttons with white text: "Back" on the left and "Next" on the right.

# Screens

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Screen 3 :



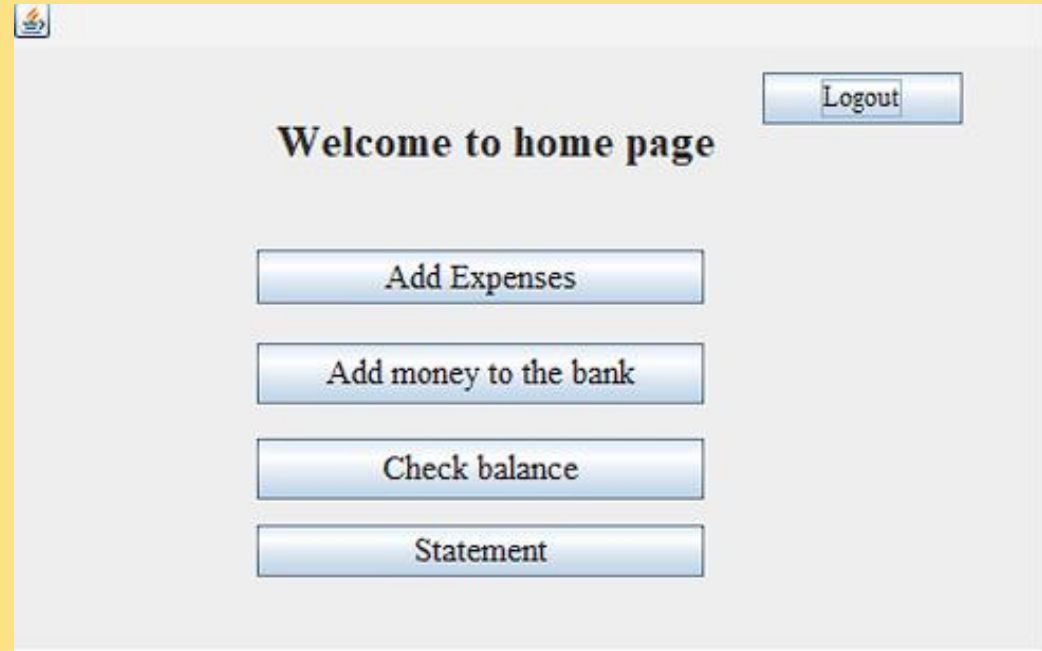
Screen 3 is a login form with a light blue background. It features a title "Login" at the top center. Below the title, there are two input fields: "E-Mail" and "Password", each preceded by a colon. At the bottom, there are two buttons: "Back" on the left and "Next" on the right.

**Login**

E-Mail :

Password :

Screen 4 :



Screen 4 is a home page with a light blue background. It features a title "Welcome to home page" at the top center. In the top right corner, there is a "Logout" button. Below the title, there are four buttons stacked vertically: "Add Expenses", "Add money to the bank", "Check balance", and "Statement".

**Welcome to home page**

# Screens

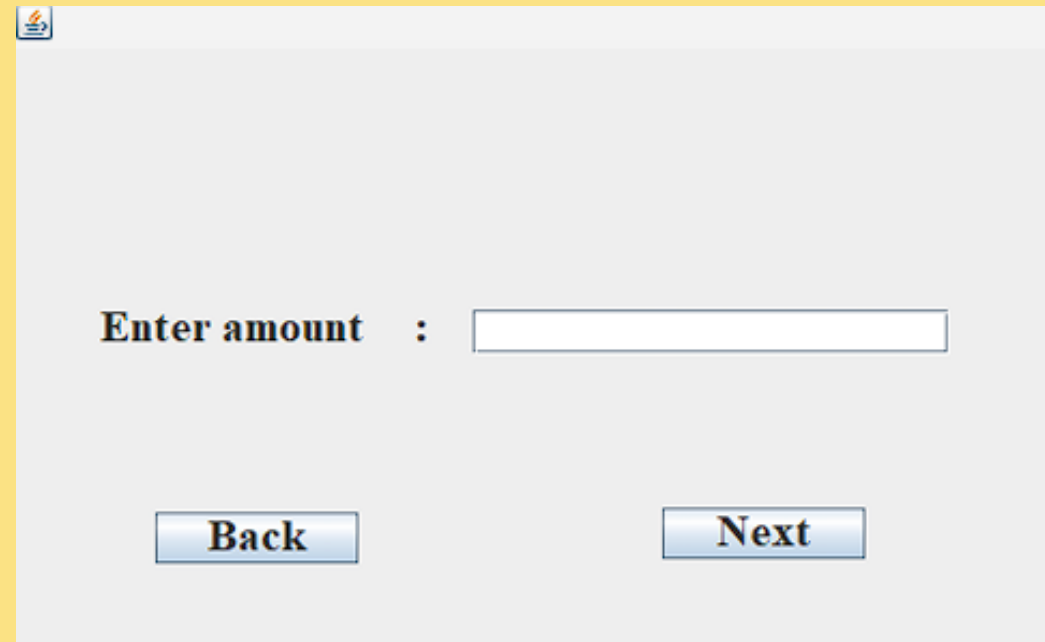
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Screen 5 :



Screen 5 is a selection screen with a title bar containing a small icon. The main content area has the text "Select an option" centered at the top. Below this, there are eight buttons arranged in two columns. The left column contains buttons for "Grocery", "Food", "Installments", and "Loan". The right column contains buttons for "Cloths", "Entertainment", "Shopping", and "Others". At the bottom center, there is a "Back" button.

Screen 6 :



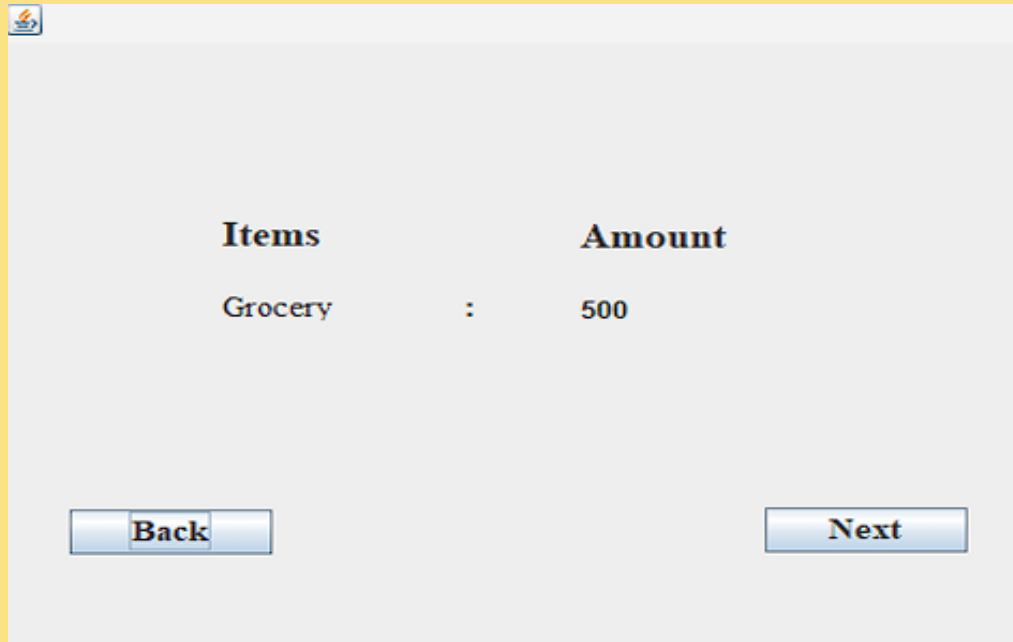
Screen 6 is an input screen with a title bar containing a small icon. The main content area has the text "Enter amount :" followed by a text input field. Below the input field, there are two buttons: "Back" on the left and "Next" on the right.



# Screens

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Screen 7 :

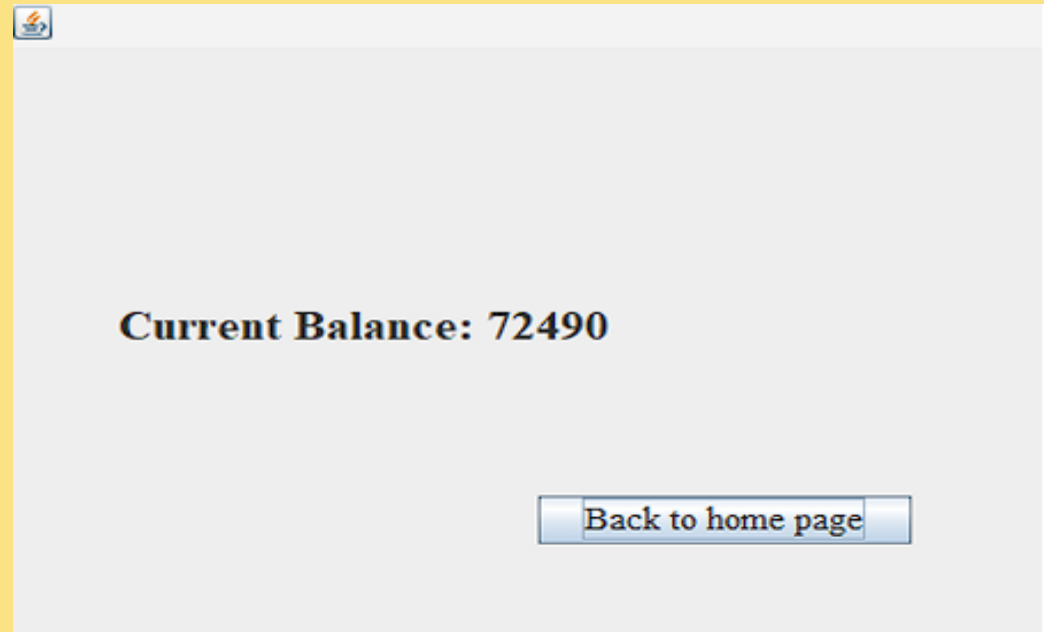


A screenshot of a web application window titled "Screen 7". The window has a light blue header bar with a small icon on the left. The main content area is white and contains a table with two columns: "Items" and "Amount". The table has one row with the text "Grocery : 500". At the bottom of the window, there are two buttons: "Back" on the left and "Next" on the right.

Items	Amount
Grocery :	500

[Back](#) [Next](#)

Screen 8 :



A screenshot of a web application window titled "Screen 8". The window has a light blue header bar with a small icon on the left. The main content area is white and contains the text "Current Balance: 72490". At the bottom of the window, there is a single button labeled "Back to home page".

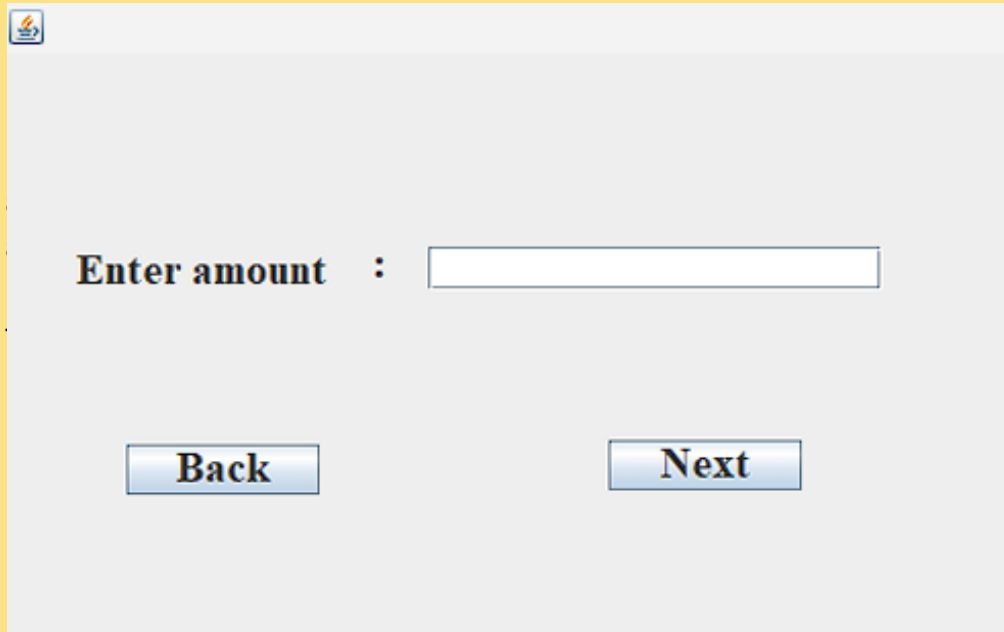
**Current Balance: 72490**

[Back to home page](#)

# Screens

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Screen 9 :

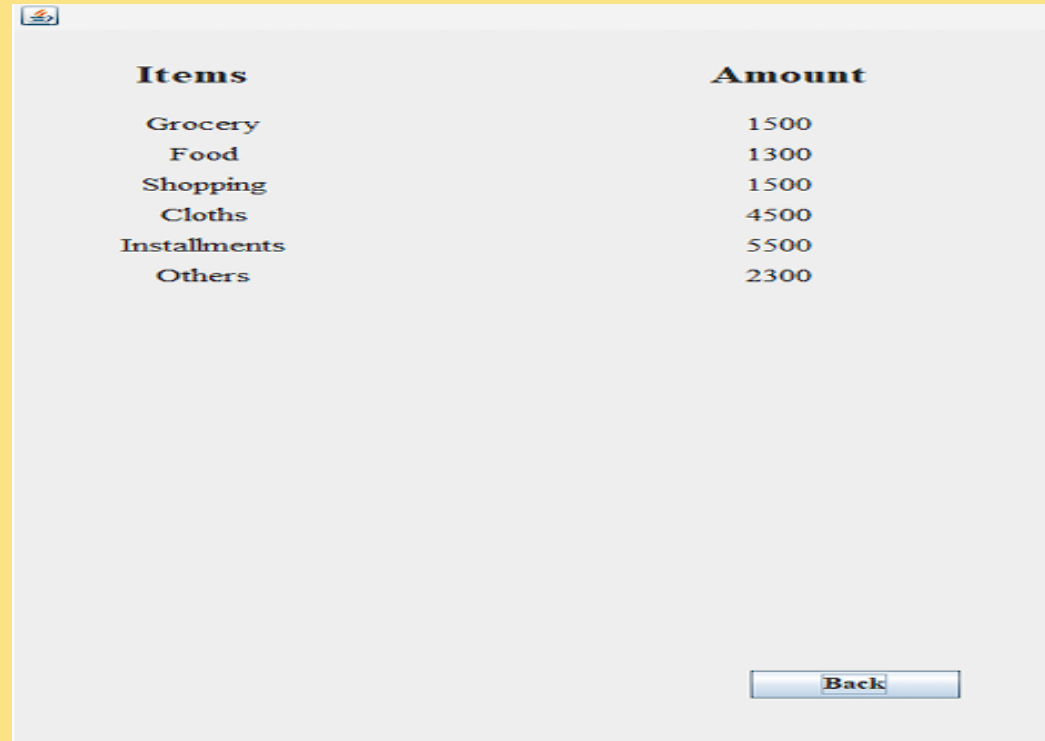


Screen 9 is a light blue window with a small icon in the top-left corner. It contains the text "Enter amount :" followed by a text input field. Below the input field are two buttons: "Back" on the left and "Next" on the right.

Enter amount :

**Back** **Next**

Screen 10 :



Screen 10 is a light blue window with a small icon in the top-left corner. It displays a table with two columns: "Items" and "Amount". The table lists six categories with their corresponding amounts. A "Back" button is located at the bottom right of the screen.

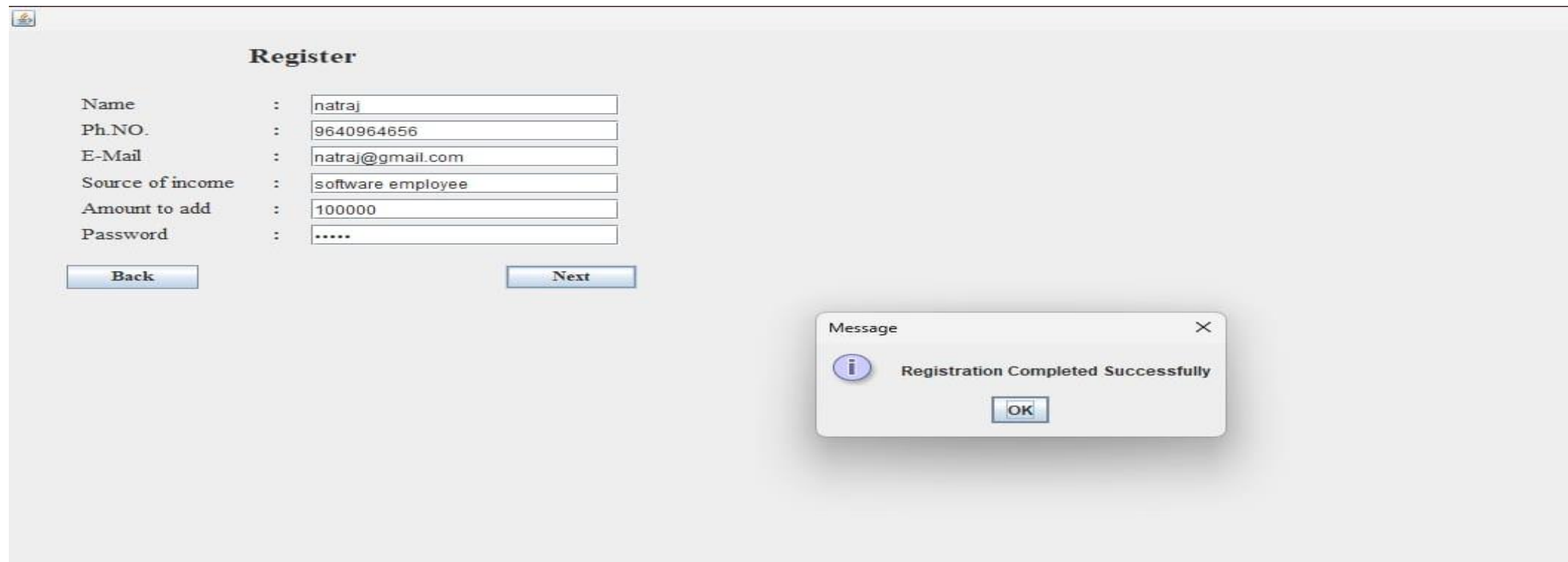
Items	Amount
Grocery	1500
Food	1300
Shopping	1500
Cloths	4500
Installments	5500
Others	2300

**Back**

# Outputs

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## Output 1 :



The screenshot displays a Java Swing application window titled "Register". The window contains a registration form with the following fields and values:

Field	Value
Name	natraj
Ph.NO.	9640964656
E-Mail	natraj@gmail.com
Source of income	software employee
Amount to add	100000
Password	*****

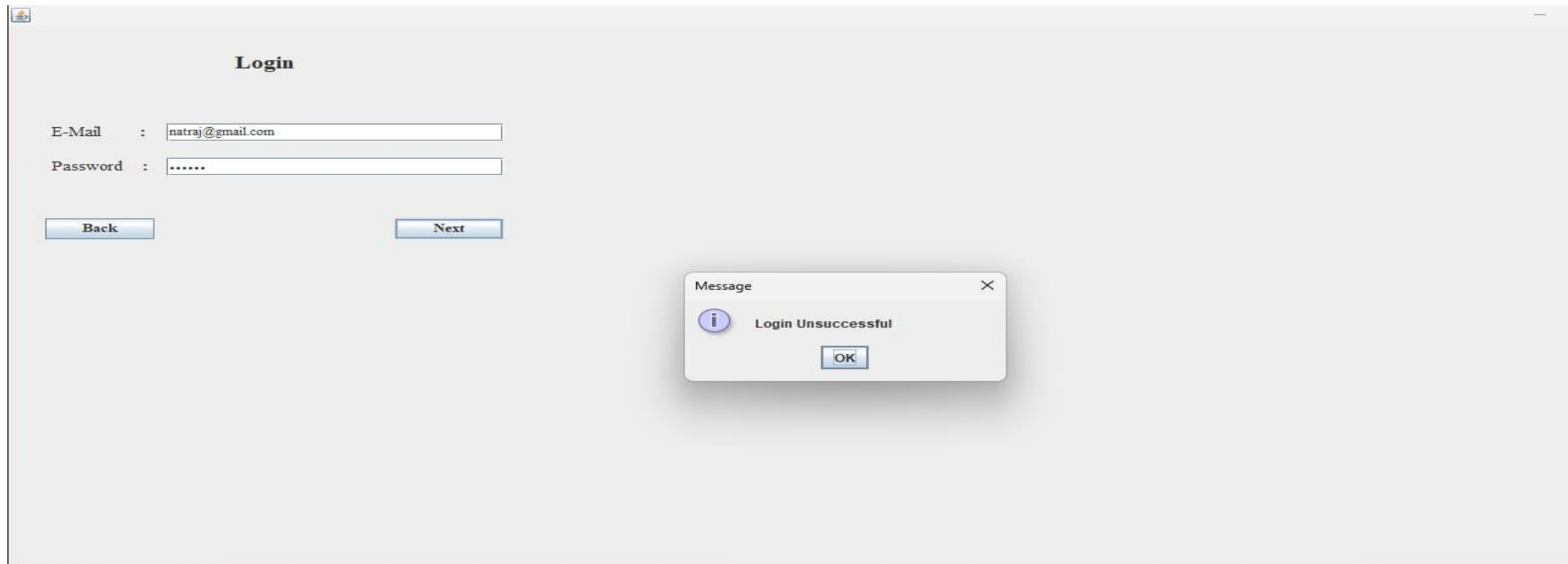
Below the form are two buttons: "Back" and "Next".

A "Message" dialog box is displayed in the foreground, indicating that the registration was successful. The dialog box contains the text "Registration Completed Successfully" and an "OK" button.

# Outputs

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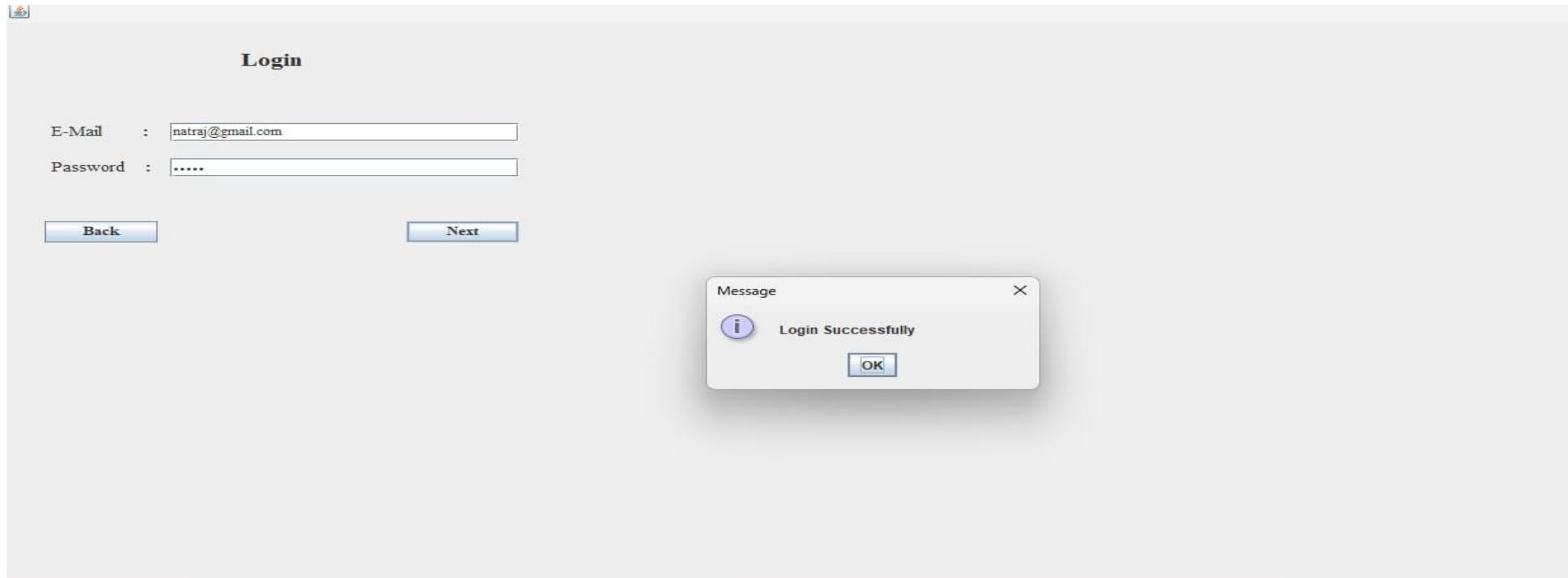
## Output 2 :



# Outputs

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## Output 3 :



**Login**

E-Mail : natraj@gmail.com

Password : \*\*\*\*\*

**Back** **Next**

**Message** [X]

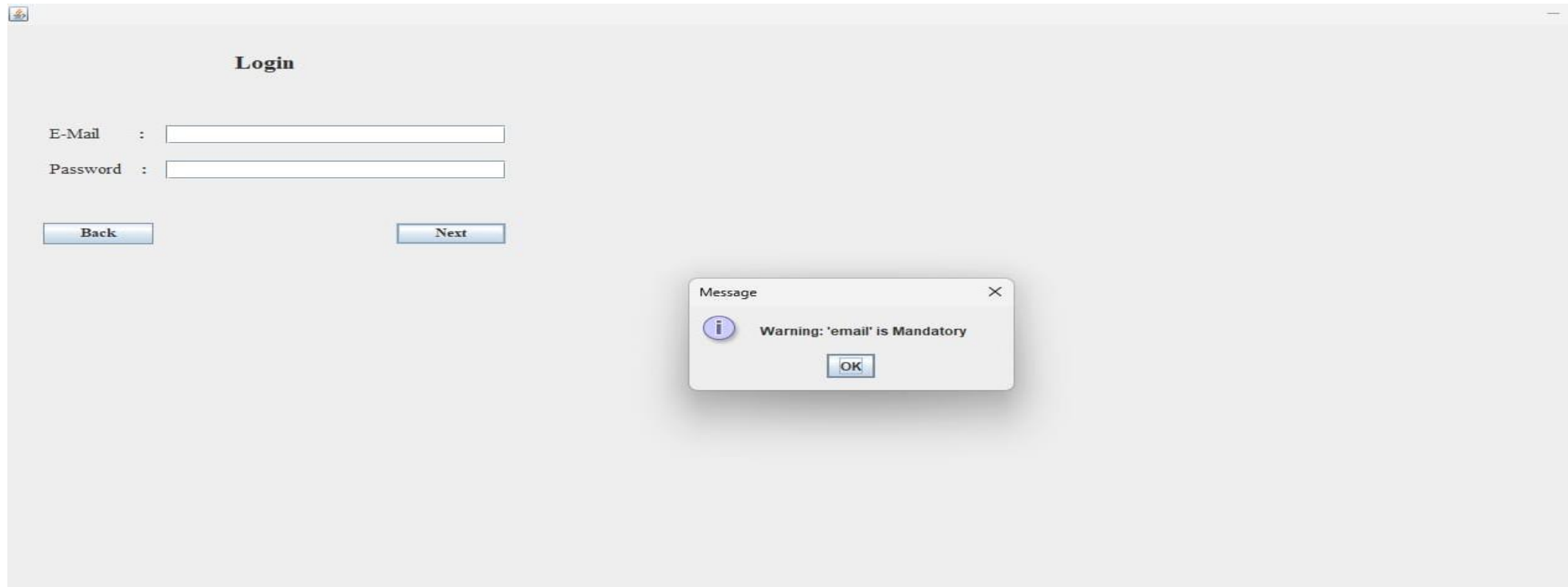
**i** Login Successfully

**OK**

# Outputs

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## Output 4 :




The screenshot shows a web application window titled "Login". It contains two input fields: "E-Mail" and "Password", each preceded by a colon. Below these fields are two buttons: "Back" and "Next". A modal message box is displayed in the foreground, titled "Message" with a close button (X). The message box contains an information icon (i) and the text "Warning: 'email' is Mandatory", followed by an "OK" button.

**Login**

E-Mail :

Password :

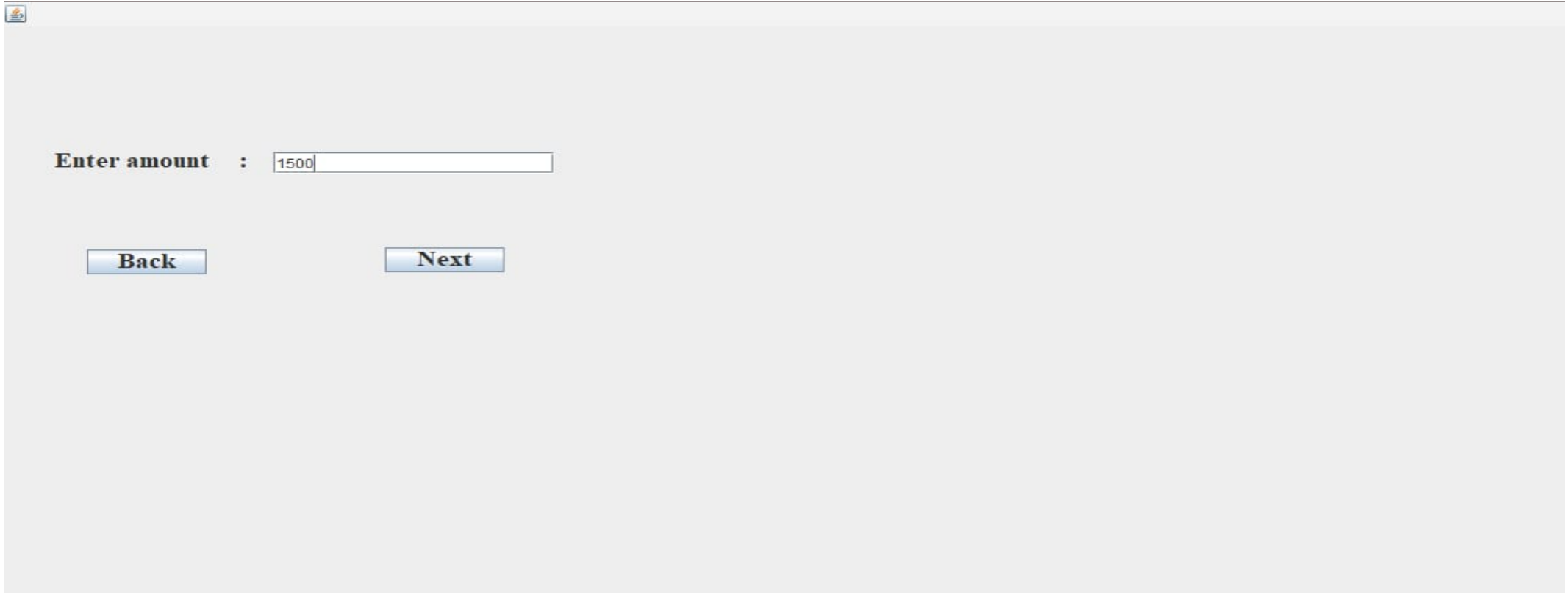
**Message** [X]

 Warning: 'email' is Mandatory

# Outputs

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Output 5 :

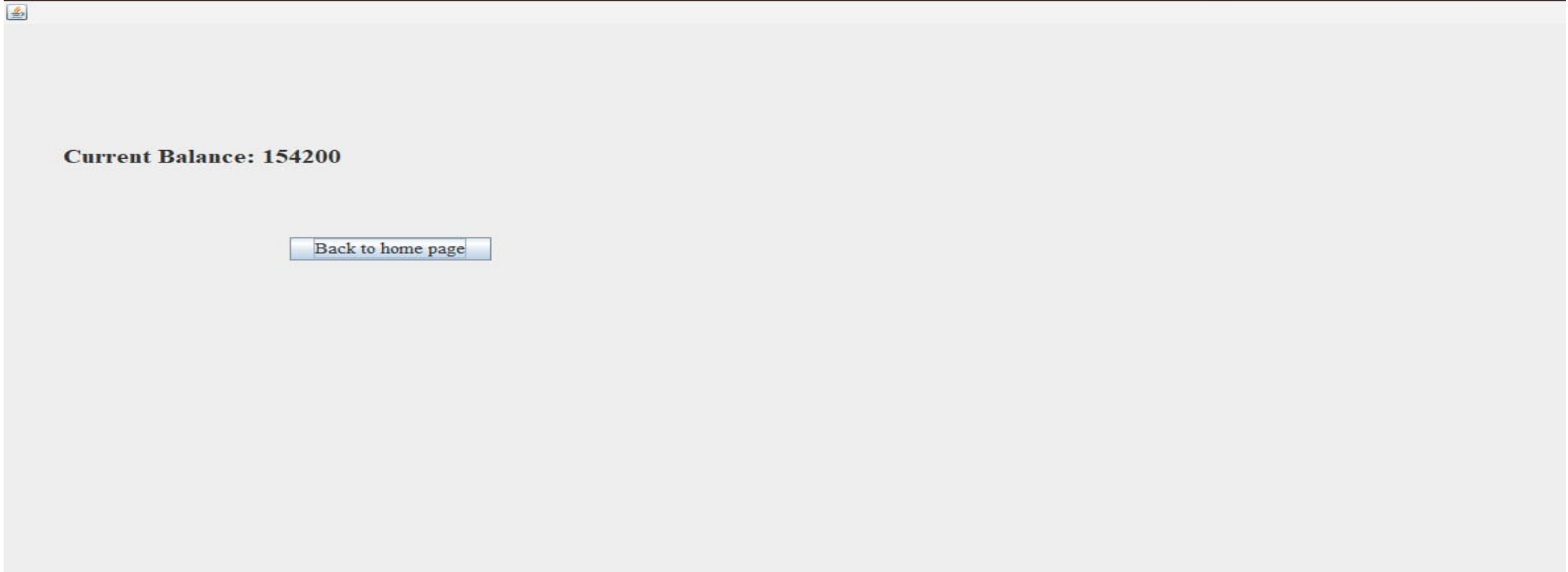


Enter amount :

# Outputs

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## Output 6 :

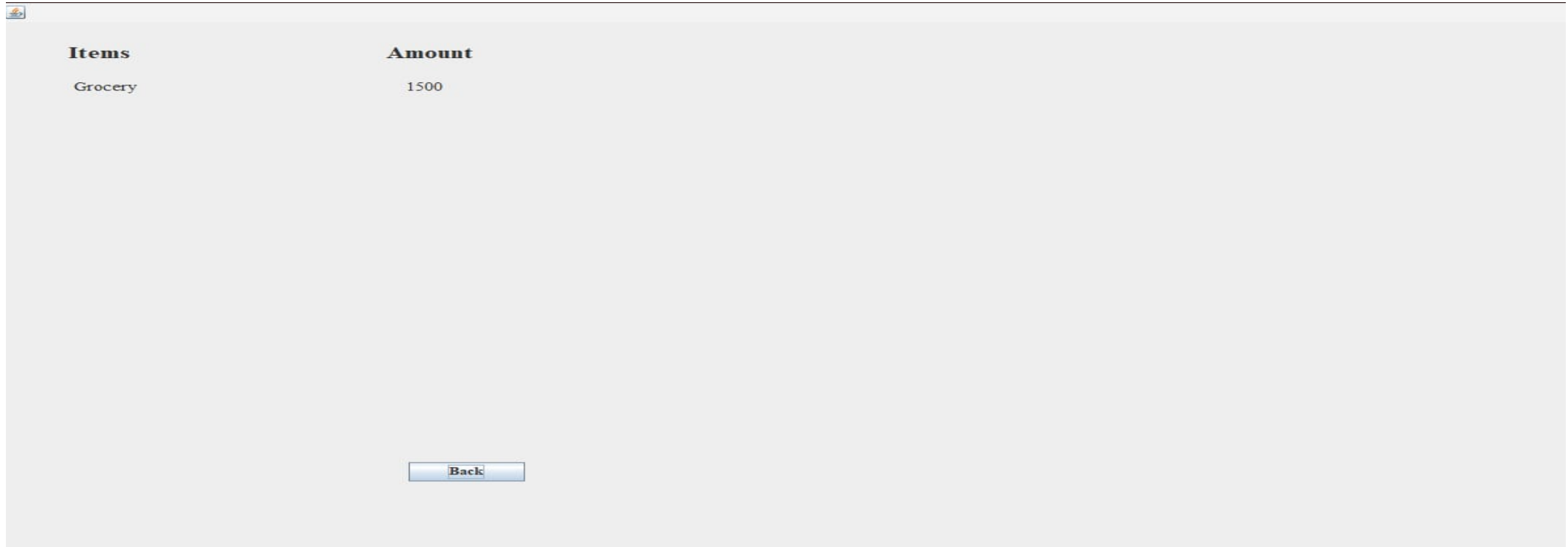




# Outputs

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## Output 7 :



A screenshot of a web application output. It features a table with two columns: 'Items' and 'Amount'. The table contains one row with the value 'Grocery' under 'Items' and '1500' under 'Amount'. Below the table, there is a 'Back' button.

Items	Amount
Grocery	1500

Back

# Outputs

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Output 8 :



A screenshot of a Java Swing window. The window has a title bar with a small icon on the left. The main content area is light gray. It contains a label "Enter amount" followed by a colon and a text input field. The text input field contains the number "2000". Below the text input field, there are two buttons: "Back" on the left and "Next" on the right. Both buttons have a blue gradient and a black border.



# Conclusion

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In summary, developing a Java finance tracker involves careful planning, solid coding, and a user-friendly design. The project offers features like budgeting tools, intelligent reports, and income-expense tracking, empowering users to manage their finances. Key factors for success include selecting the right database, rigorous testing, and ongoing maintenance. This tool enhances financial awareness, enabling users to make informed decisions and improve their financial well-being. With a secure, user-friendly interface, it aids users in understanding spending habits and taking control of their financial future, promoting financial literacy and management.