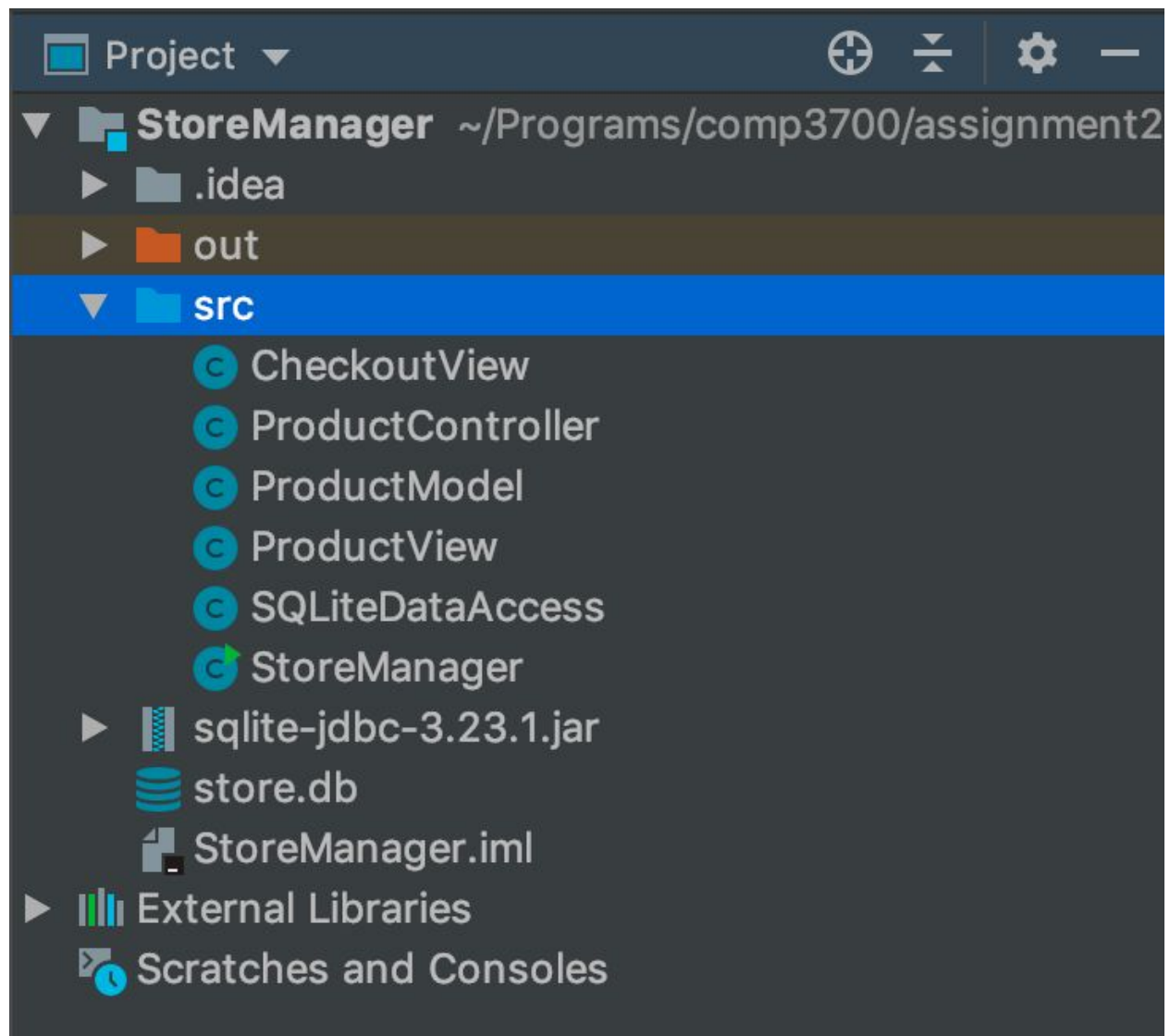


Specifications: The zipped file that has been submitted contains this document, and a folder called StoreManager. Please import this folder into an IDE, as there have been issues connecting to the database when using bash or a text editor. This folder contains the StoreManager database, a .jar file, and another folder containing the .java files called src. This Project has only been tested and implemented using IntelliJ IDEA IDE and has run successfully using this IDE as verified through a screenshot below containing the program successfully running on my computer, with a terminal window containing my username verifying my computer. Please ensure that the .db and .jar file are included within the StoreManager folder but NOT within the src or the database will not connect properly.

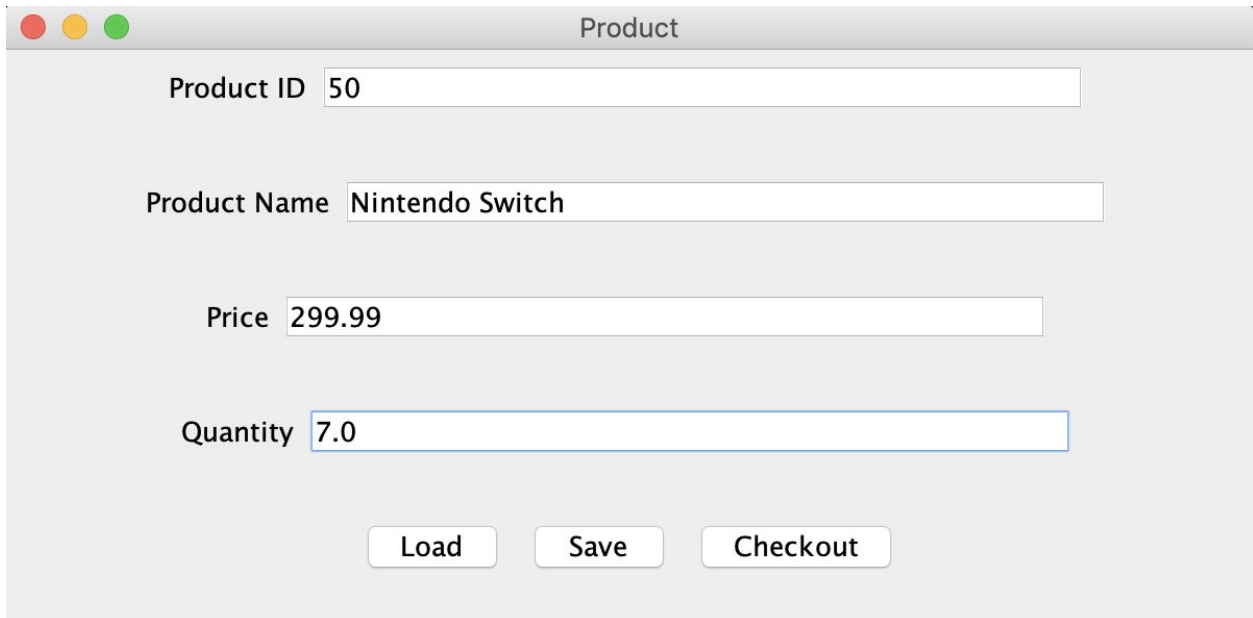


Use Case 1:
Save Product

Step 1: Open Program

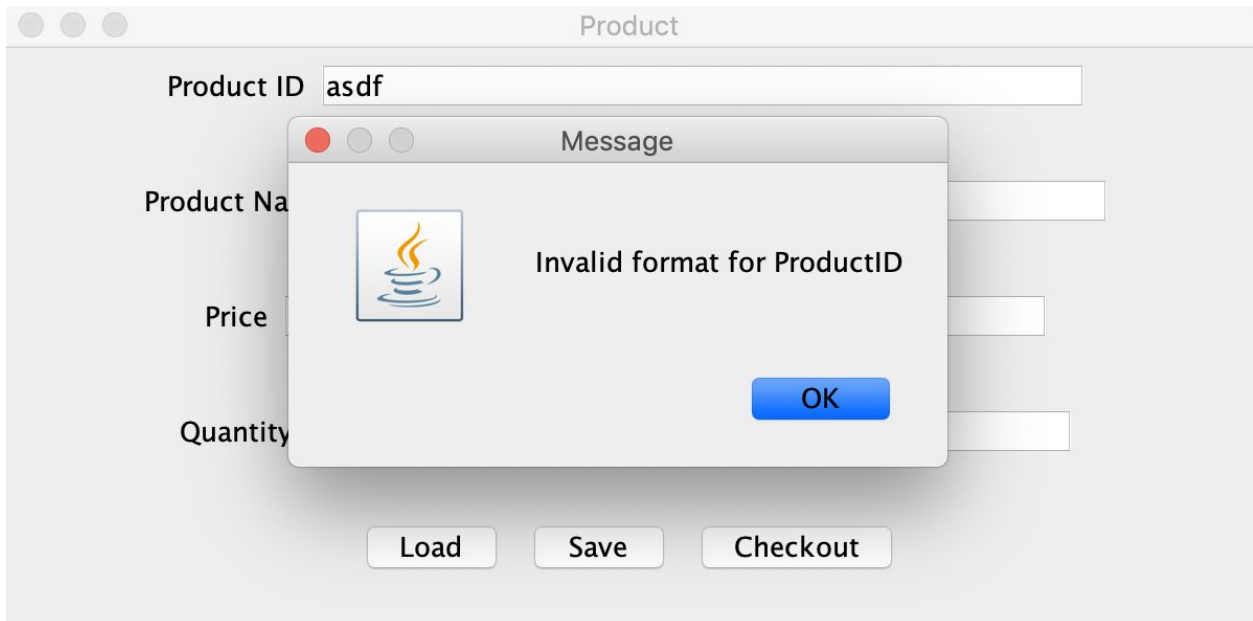
The image shows a graphical user interface window titled "Product". The window has a standard macOS-style title bar with three colored buttons (red, yellow, green) on the left. Inside the window, there are four labeled input fields stacked vertically: "Product ID", "Product Name", "Price", and "Quantity". Each label is to the left of a white rectangular text box. At the bottom of the window, there are three buttons: "Load", "Save", and "Checkout", arranged horizontally. The "Load" button is on the left, "Save" is in the middle, and "Checkout" is on the right. All buttons have a light gray background and a thin black border.

Step 2: Enter values of Product ID, Name, Price, and Quantity.



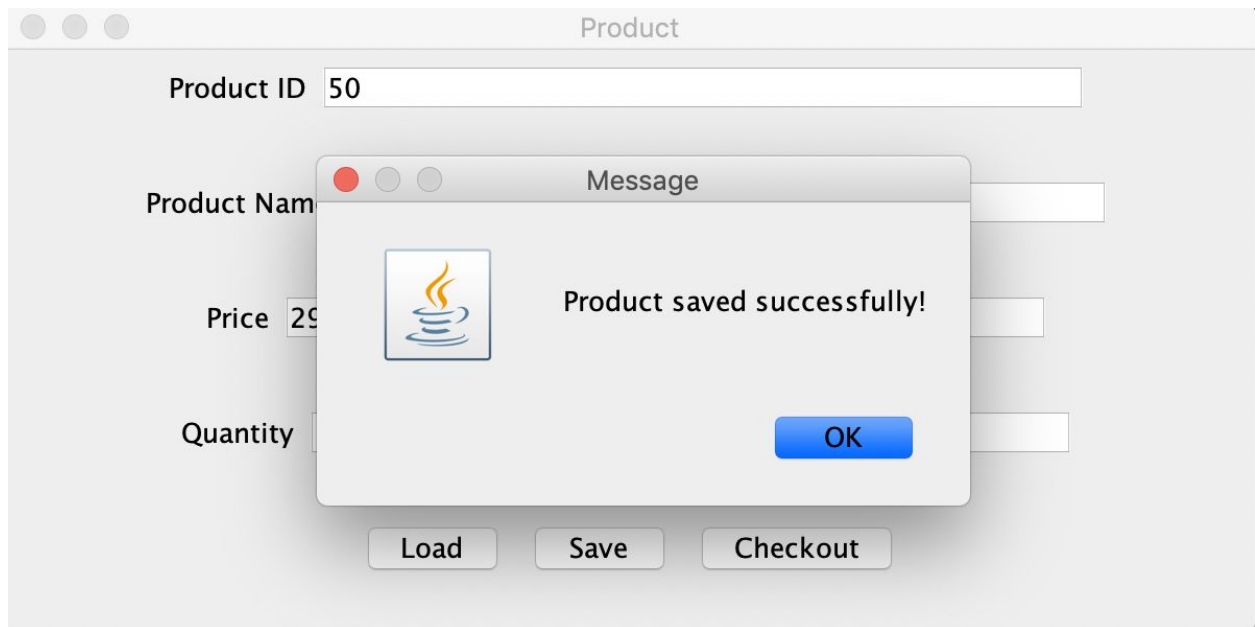
A screenshot of a macOS-style window titled "Product". It contains four text input fields: "Product ID" with the value "50", "Product Name" with the value "Nintendo Switch", "Price" with the value "299.99", and "Quantity" with the value "7.0". Below the fields are three buttons: "Load", "Save", and "Checkout".

If Product ID is invalid, an error message will appear.



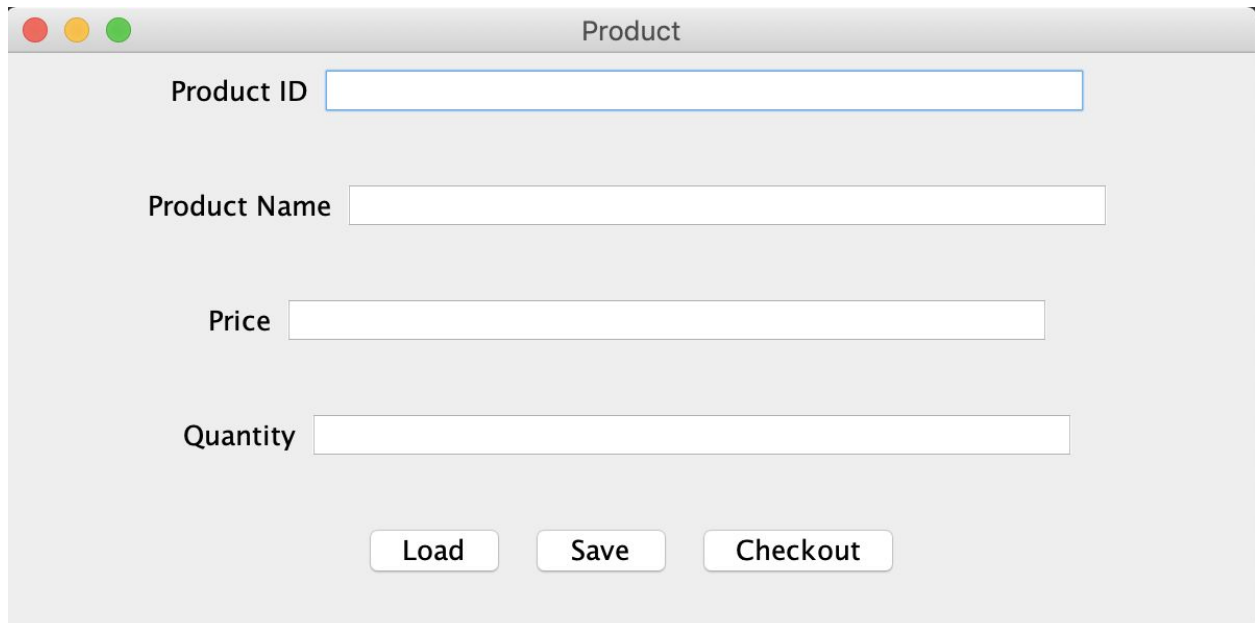
A screenshot of the same "Product" window, but with "asdf" entered in the "Product ID" field. An error message dialog box is overlaid on top. The dialog box is titled "Message" and contains a Java logo icon, the text "Invalid format for ProductID", and an "OK" button. The "Product Name", "Price", and "Quantity" fields are visible but partially obscured by the dialog box. The "Load", "Save", and "Checkout" buttons are also visible at the bottom.

Step 3: Select Save. A verification message will appear.

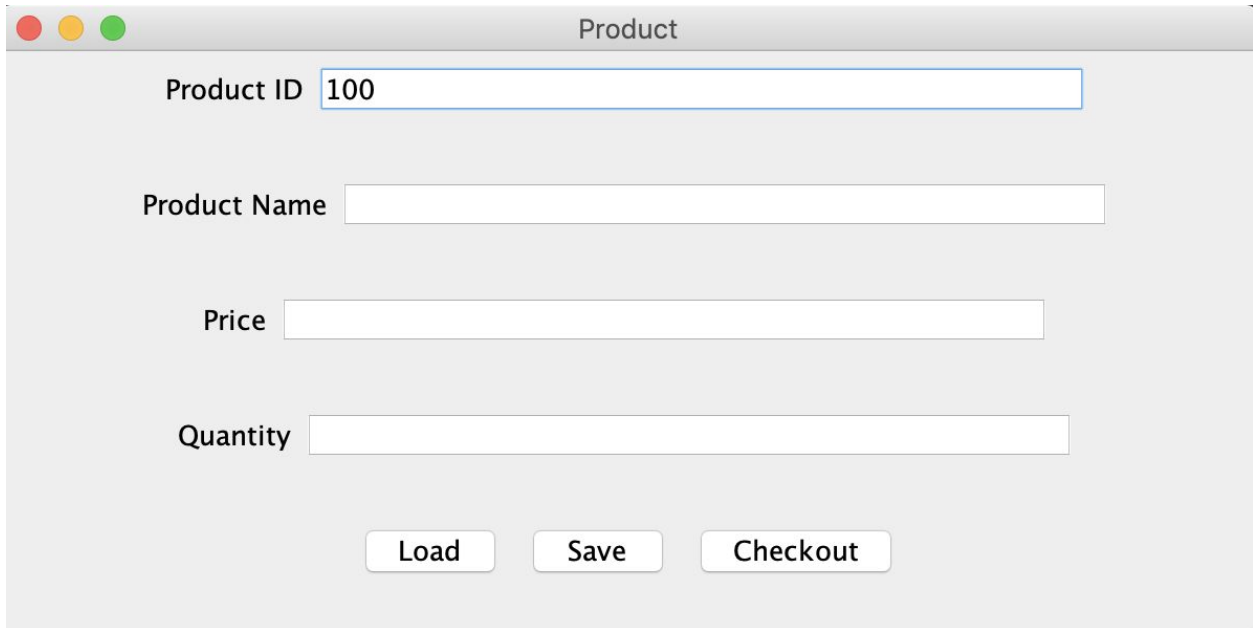


Use Case 2
Load Product

Step 1: Open Program

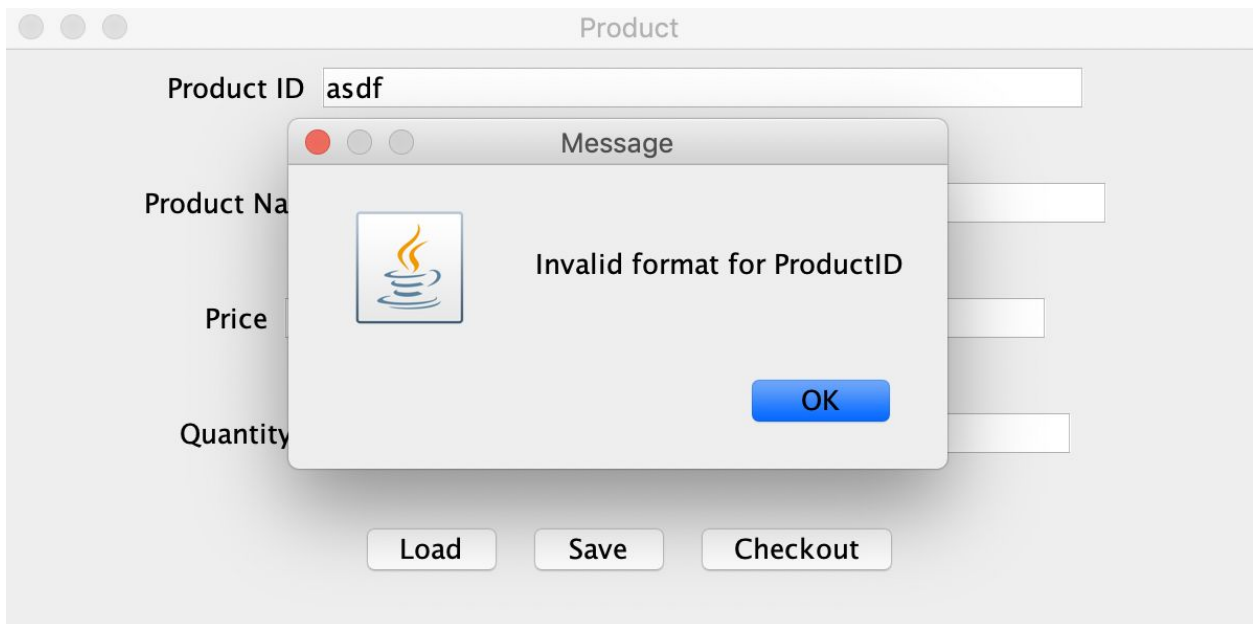


Step 2: Enter a Valid Product ID



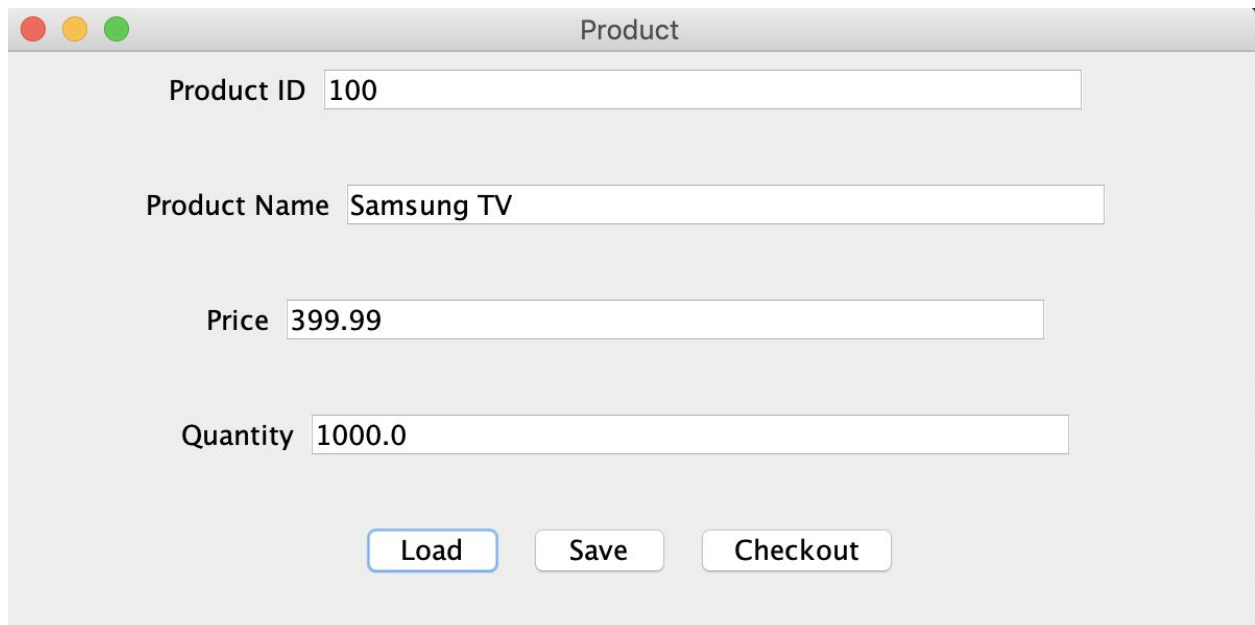
A screenshot of a macOS-style window titled "Product". It contains four text input fields: "Product ID" (containing "100"), "Product Name", "Price", and "Quantity". At the bottom, there are three buttons: "Load", "Save", and "Checkout".

If Product ID is invalid, an error message will appear.



A screenshot of the same "Product" window, but with "asdf" entered in the "Product ID" field. An error message dialog box is overlaid on top. The dialog box is titled "Message" and contains a Java logo icon, the text "Invalid format for ProductID", and an "OK" button. The "Product Name", "Price", and "Quantity" fields are visible behind the dialog box, and the "Load", "Save", and "Checkout" buttons are at the bottom.

Step 3: Select Load. The program will pull existing values from the database.



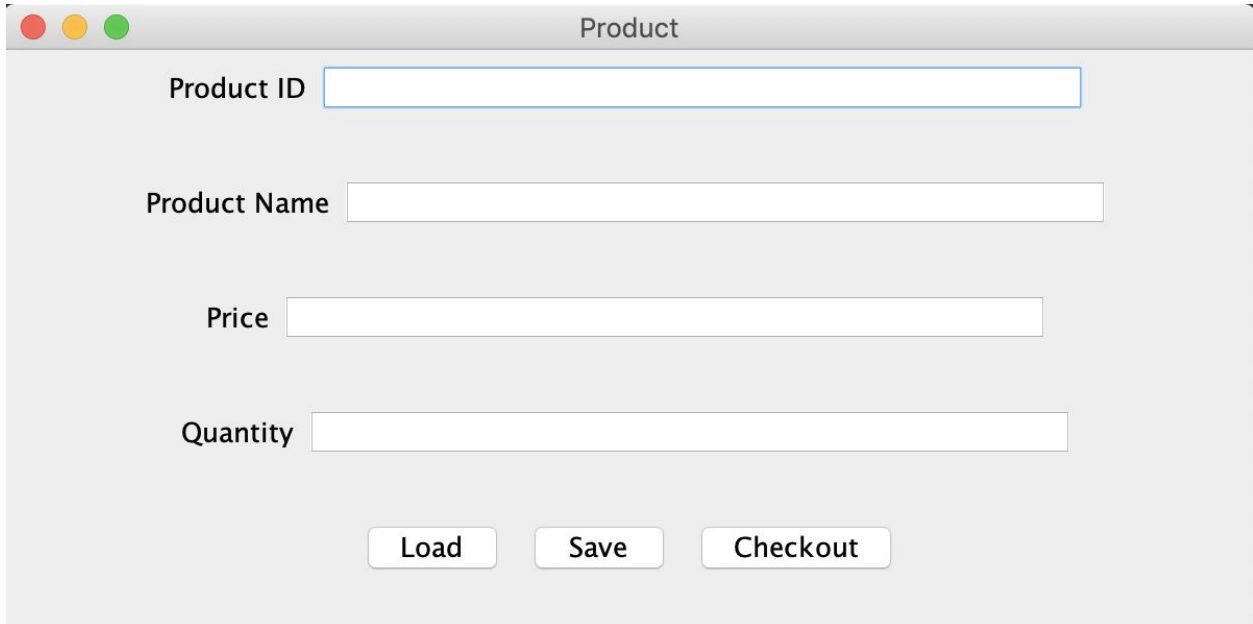
The image shows a graphical user interface window titled "Product". It contains four input fields and three buttons. The "Product ID" field contains the value "100". The "Product Name" field contains the value "Samsung TV". The "Price" field contains the value "399.99". The "Quantity" field contains the value "1000.0". At the bottom of the window, there are three buttons: "Load", "Save", and "Checkout". The "Load" button is highlighted with a blue border.

Field	Value
Product ID	100
Product Name	Samsung TV
Price	399.99
Quantity	1000.0

Buttons: Load, Save, Checkout

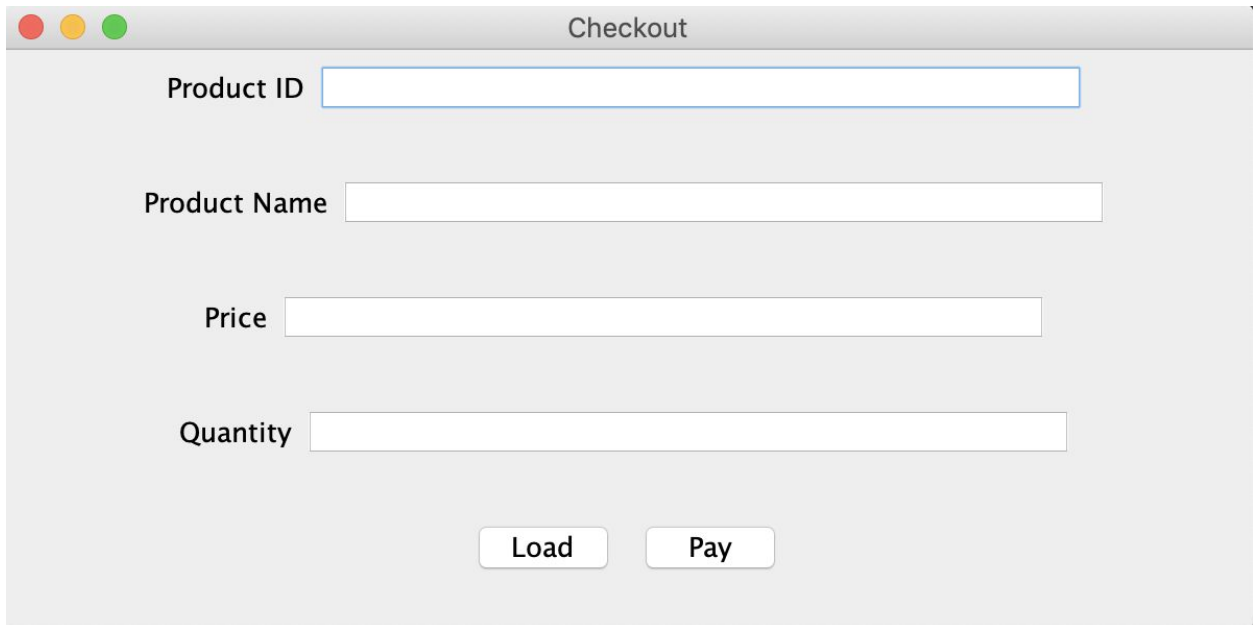
Use Case 3
Checkout Product

Step 1: Open Program



A screenshot of a software window titled "Product". The window has a standard macOS-style title bar with red, yellow, and green window control buttons. Inside the window, there are four text input fields arranged vertically, each preceded by a label: "Product ID", "Product Name", "Price", and "Quantity". At the bottom of the window, there are three buttons: "Load", "Save", and "Checkout".

Step 2: Select Checkout, a new window will appear.



A screenshot of a software window titled "Checkout". The window has a standard macOS-style title bar with red, yellow, and green window control buttons. Inside the window, there are four text input fields arranged vertically, each preceded by a label: "Product ID", "Product Name", "Price", and "Quantity". At the bottom of the window, there are two buttons: "Load" and "Pay".

Step 3: Enter and Load Product Values (Equivalent to Use Case 2).

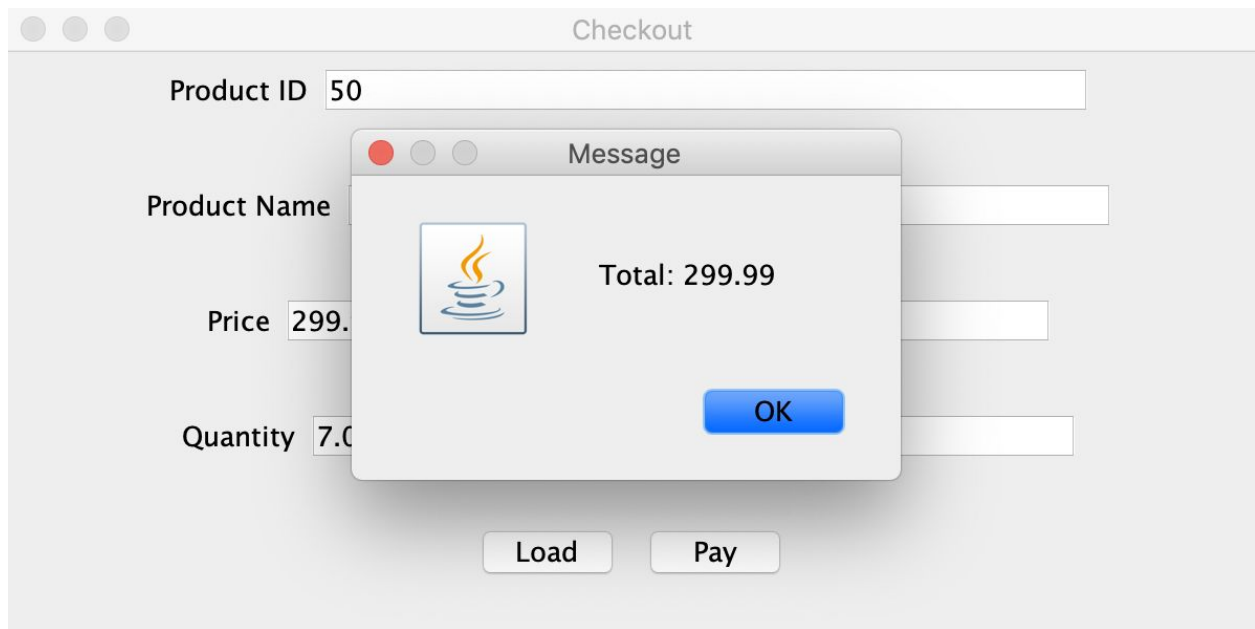
The image displays two sequential screenshots of a 'Checkout' window, illustrating the process of entering product values. The window has a title bar with standard macOS window controls (red, yellow, green buttons) and the title 'Checkout'.

Top Screenshot: The 'Product ID' field contains the value '50'. The 'Product Name', 'Price', and 'Quantity' fields are empty. Below the input fields are two buttons: 'Load' and 'Pay'.

Bottom Screenshot: The 'Product ID' field contains the value '50'. The 'Product Name' field contains the value 'Nintendo Switch'. The 'Price' field contains the value '299.99'. The 'Quantity' field contains the value '7.0'. The 'Load' and 'Pay' buttons are still present at the bottom.

Field	Value
Product ID	50
Product Name	Nintendo Switch
Price	299.99
Quantity	7.0

Step 4: Select Pay, a window displaying your total will appear.



The image shows a graphical user interface for a checkout process. The main window is titled "Checkout" and contains several input fields and buttons. A modal message box is currently displayed in the center, showing the total amount.

Checkout Window Fields:

- Product ID: 50
- Product Name: [Empty text field]
- Price: 299. [Empty text field]
- Quantity: 7.0 [Empty text field]
- Buttons: Load, Pay

Message Box:

- Title: Message
- Icon: Java logo (a blue square with a yellow flame and blue waves)
- Text: Total: 299.99
- Button: OK