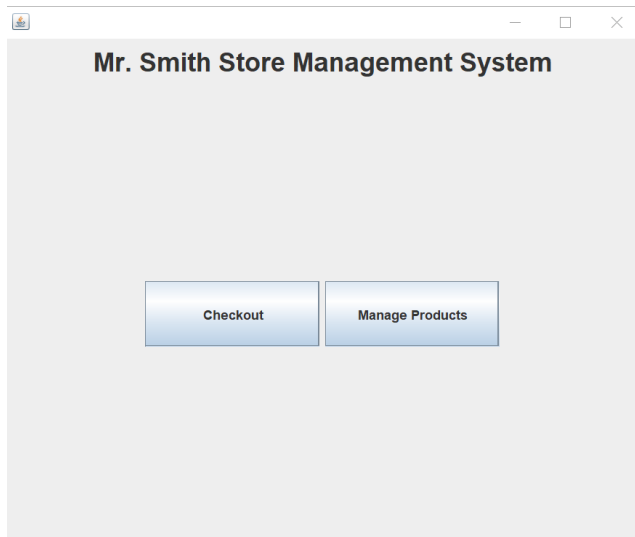


Katelyn Harrison and Jeriel Ng

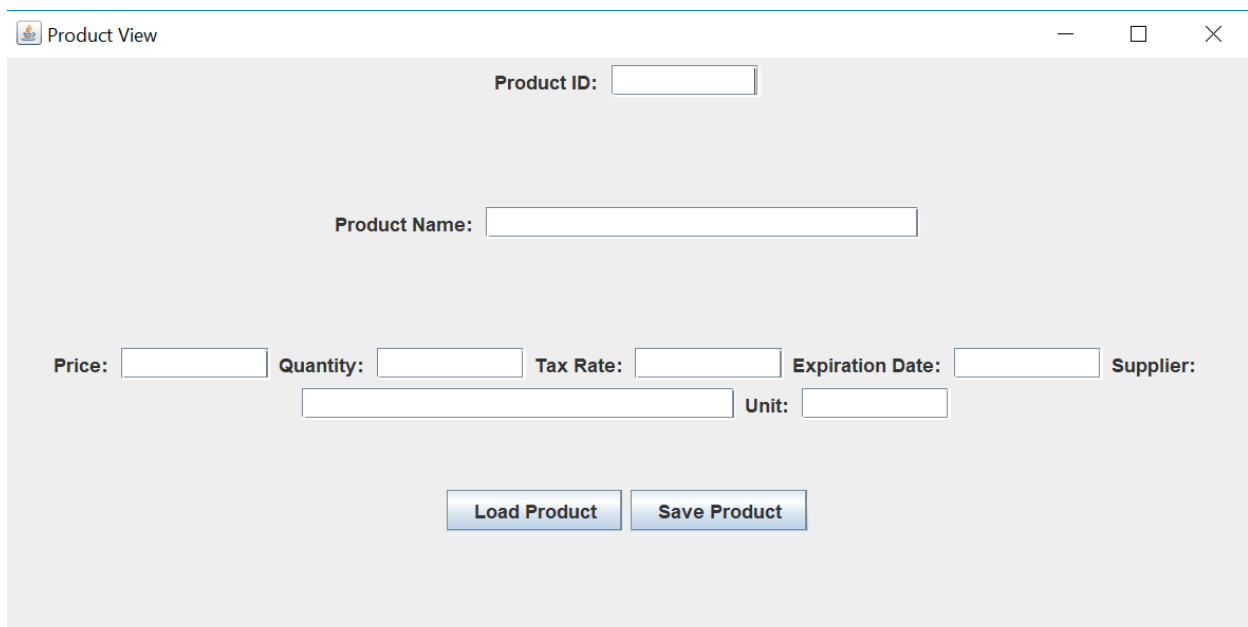
## Iteration 1 Testing

Scenario 1: Test to make sure that a user can add a new product to the system.

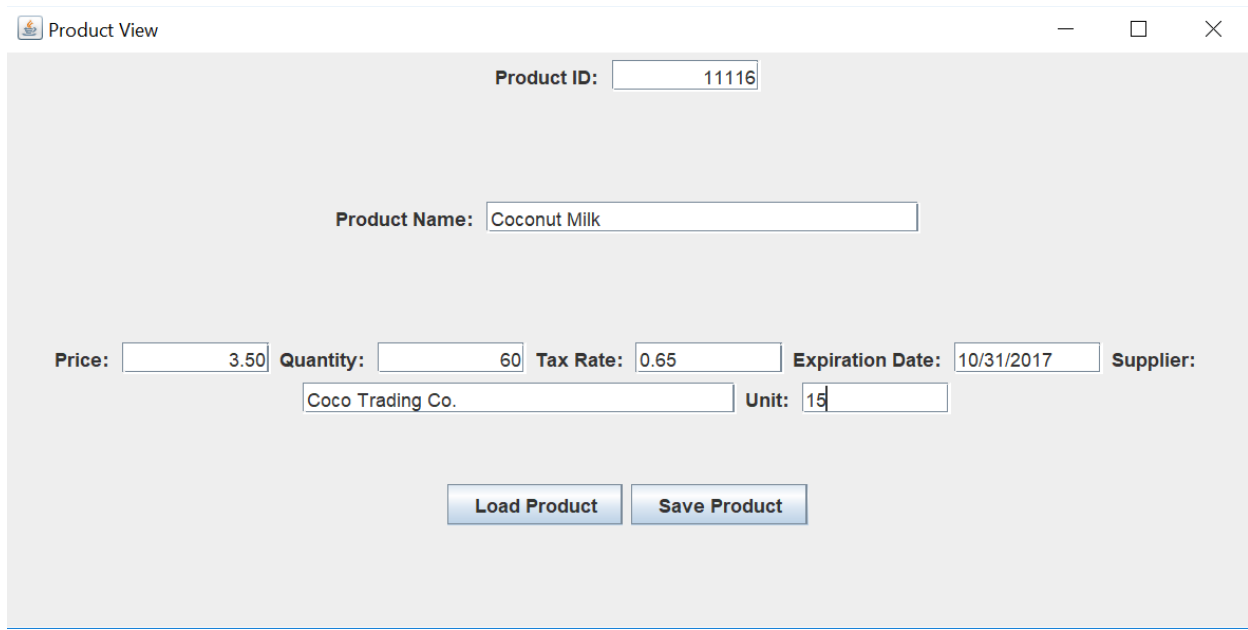
Start on the main screen of the Store Database Management System



Step 1: Choose "Manage Products" from the main screen. This will open our Product View screen below:

A screenshot of a web application window titled "Product View". The window has a standard OS-style title bar. The main content area is light gray and contains several input fields and two buttons. At the top, there is a "Product ID:" label followed by a text input field. Below that is a "Product Name:" label followed by a text input field. Further down, there are five labels: "Price:", "Quantity:", "Tax Rate:", "Expiration Date:", and "Supplier:". Each label is followed by a text input field. The "Quantity:" input field is positioned above a longer text input field. At the bottom, there are two blue buttons with white text: "Load Product" on the left and "Save Product" on the right.

Step 2: Fill in all of the empty text fields with the new product information

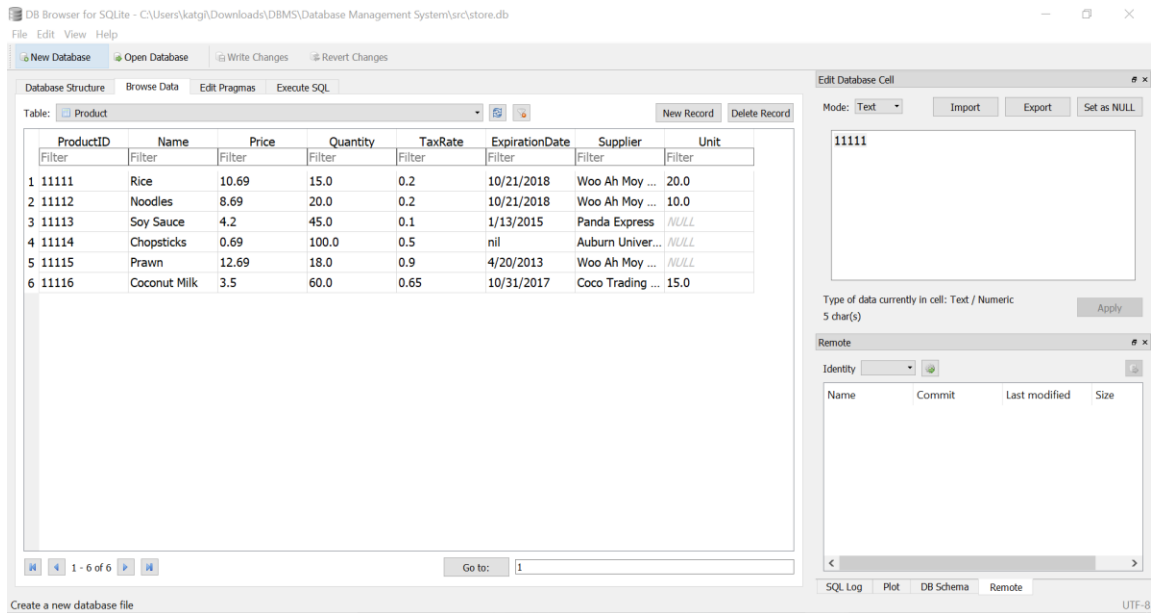


The image shows a software window titled "Product View" with standard window controls (minimize, maximize, close) in the top right corner. The window contains several text input fields for product data. The "Product ID" field is at the top and contains the value "11116". Below it is the "Product Name" field, which contains "Coconut Milk". Further down, there are five fields: "Price" (3.50), "Quantity" (60), "Tax Rate" (0.65), "Expiration Date" (10/31/2017), and "Supplier". The "Supplier" field is on a new line and contains "Coco Trading Co.". To the right of the "Supplier" field is a "Unit" field containing the value "15". At the bottom of the window, there are two buttons: "Load Product" and "Save Product".

Field	Value
Product ID	11116
Product Name	Coconut Milk
Price	3.50
Quantity	60
Tax Rate	0.65
Expiration Date	10/31/2017
Supplier	Coco Trading Co.
Unit	15

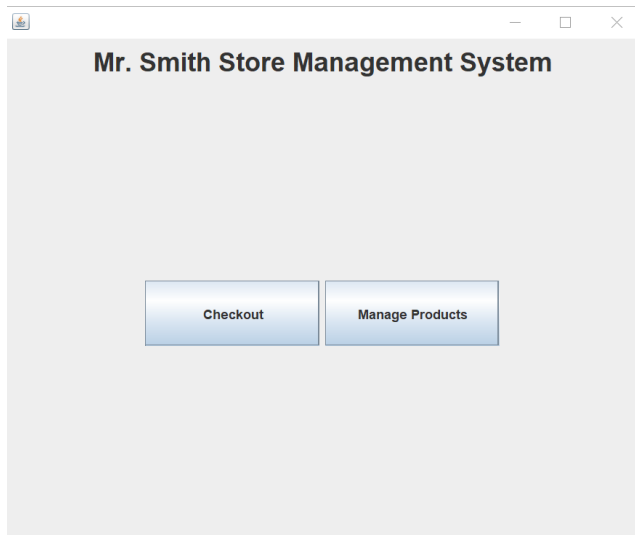
Step 3: Select "Save Product" in the Product View window

Step 4: In order to check to make sure that the add function truly works, we can look in the database and see that it did get added.



Scenario 2: Test to make sure that a user can update an already existing product.

Start on the main screen of the Store Database Management System



Step 1: Choose “Manage Products” from the main screen. This will open our Product View screen below:

Product View

Product ID:

Product Name:

Price:  Quantity:  Tax Rate:  Expiration Date:  Supplier:

Unit:

Step 2: Load an already existing product into the text fields by typing in its product ID and selecting “Load Product”

Product View

Product ID:

Product Name:

Price:  Quantity:  Tax Rate:  Expiration Date:  Supplier:

Unit:

Product View

Product ID: 11116

Product Name: Coconut Milk

Price: 3.5 Quantity: 60.0 Tax Rate: 0.65 Expiration Date: 10/31/2017 Supplier: Coco Trading Co. Unit: 15.0

Load Product Save Product

Step 3: Make the necessary changes to the product information.

Product View

Product ID: 11116

Product Name: Coconut Milk

Price: 5.25 Quantity: 60.0 Tax Rate: 0.65 Expiration Date: 10/31/2017 Supplier: Coco Trading Co. Unit: 15.0

Load Product Save Product

Step 4: Save the changes made to the product by selecting “Save Product”

Step 5: In order to check to make sure that the product information was updated, we can look in the database and see that Coconut Milk’s price did get changed from \$3.50 to \$5.25.

The screenshot shows the DB Browser for SQLite application. The main window displays the 'Product' table with the following data:

ProductID	Name	Price	Quantity	TaxRate	ExpirationDate	Supplier	Unit
1 11111	Rice	10.69	15.0	0.2	10/21/2018	Woo Ah Moy ...	20.0
2 11112	Noodles	8.69	20.0	0.2	10/21/2018	Woo Ah Moy ...	10.0
3 11113	Soy Sauce	4.2	45.0	0.1	1/13/2015	Panda Express	NULL
4 11114	Chopsticks	0.69	100.0	0.5	nil	Auburn Univer...	NULL
5 11115	Prawn	12.69	18.0	0.9	4/20/2013	Woo Ah Moy ...	NULL
6 11116	Coconut Milk	5.25	60.0	0.65	10/31/2017	Coco Trading ...	15.0

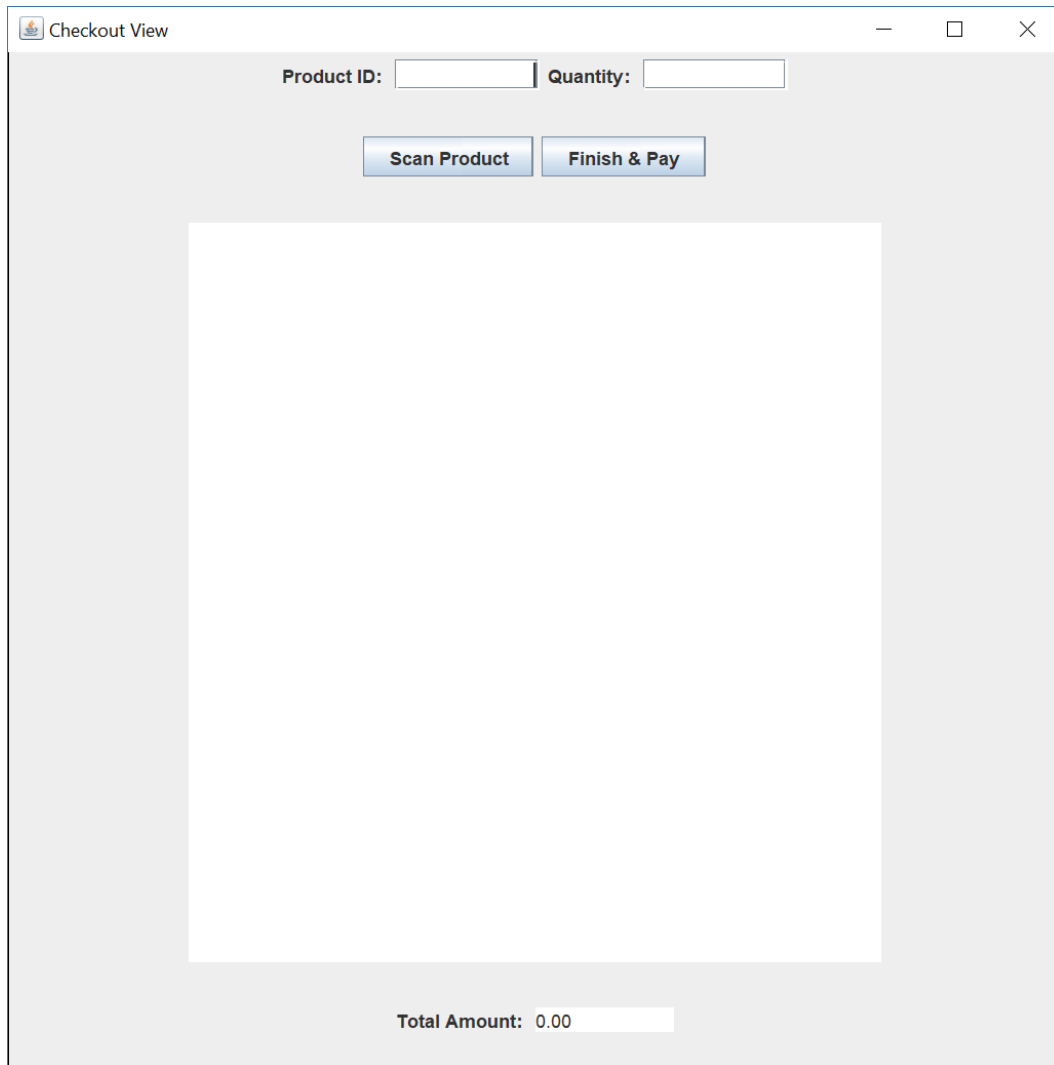
The right-hand pane shows the 'Edit Database Cell' window for the 'ProductID' column, with the value '11111' entered. Below this, the 'Remote' pane shows the 'Identity' window with columns for Name, Commit, Last modified, and Size.

Scenario 3: Test to make sure that a user can check out all of the items a customer wishes to purchase.

Start on the main screen of the Store Database Management System

The screenshot shows the main screen of the 'Mr. Smith Store Management System'. The title bar reads 'Mr. Smith Store Management System'. The main area contains two buttons: 'Checkout' and 'Manage Products'.

Step 1: Choose “Checkout” from the main screen. This will open our Checkout View screen below:




The screenshot shows a web application window titled "Checkout View". The window has a light gray background. At the top, there are two input fields: "Product ID:" and "Quantity:". Below these fields are two buttons: "Scan Product" and "Finish & Pay". In the center of the window is a large white rectangular area, likely a placeholder for a product image or a QR code. At the bottom of the window, there is a label "Total Amount:" followed by a text input field containing the value "0.00".

Product ID:  Quantity:

Total Amount:

Step 2: Add the products that the customer wishes to check out by putting in the product ID and the quantity of that item.

 Checkout View— □ ×

Product ID:  Quantity:

Scan Product

Finish & Pay

Total Amount:



Step 3: Select “Scan Product” and that product will be added to the checkout list.

Checkout View

Product ID:

Quantity:

Scan Product

Finish & Pay

2x	Coconut Milk	10.5
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Total Amount:

Step 4: Continue scanning products until the order is complete.

Checkout View

Product ID:

Quantity:

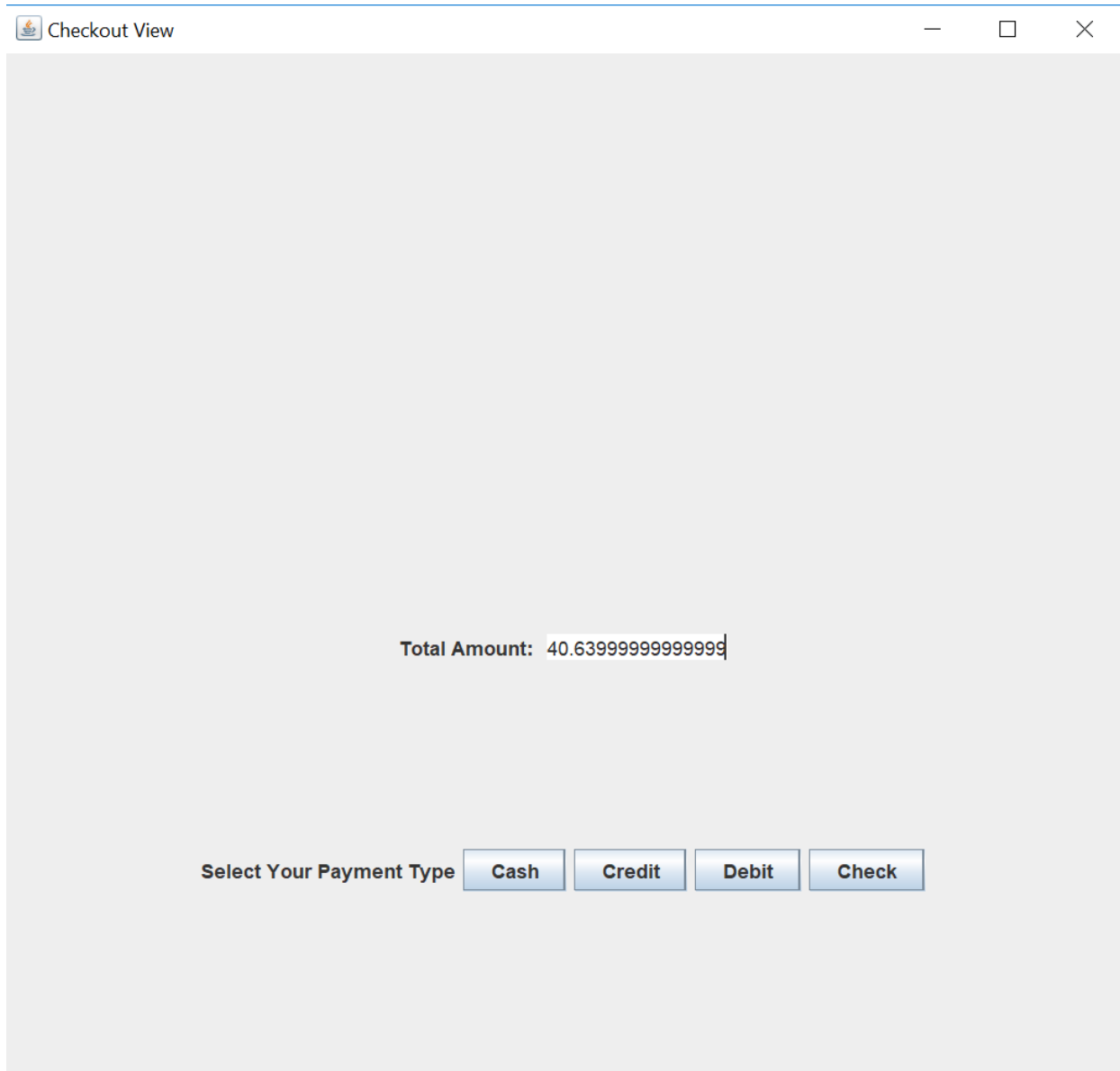
Scan Product

Finish & Pay

2x	Coconut Milk	10.5
1x	Rice	10.69
2x	Noodles	17.38
3x	Chopsticks	2.07

Total Amount: 40.63999999999999

Step 5: Select “Finish & Pay” which will take you to a screen where you can select a payment type



The screenshot shows a window titled "Checkout View" with a light gray background. In the center, the text "Total Amount: 40.63999999999999" is displayed. Below this, the text "Select Your Payment Type" is followed by four buttons: "Cash", "Credit", "Debit", and "Check".

Checkout View

Total Amount: 40.63999999999999

Select Your Payment Type

Cash Credit Debit Check

Step 6: Select payment type and the screen will exit, confirming successful payment

Step 7: To make sure that the order has been process we can check the database to see that the order has been stored

DB Browser for SQLite - C:\Users\katg\Downloads\DBMS\Database Management System\src\store.db

File Edit View Help

New Database Open Database Write Changes Revert Changes

Database Structure Browse Data Edit Pragma Execute SQL

Table: Orders

	OrderID	PaymentType	Amount	Date	StoreInfo
1	2000	Credit	40.64	Thu Oct 19 13...	Mr. Smith Goo...

1 - 1 of 1

Go to: 1

Edit Database Cell

Mode: Text Import Export Set as NULL

Type of data currently in cell: NULL  
0 byte(s)

Apply

Remote

Identity

Name	Commit	Last modified	Size
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SQL Log Plot DB Schema Remote

UTF-8