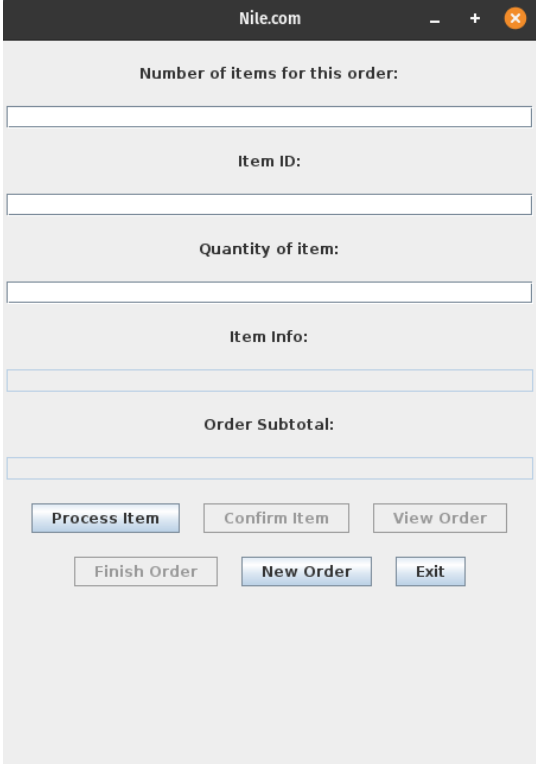


To run “Nile.java”, run the following command in your terminal: `javac Nile.java && java Nile`

## Screenshots and Application Overview:

Display upon first opening the application:



The screenshot shows a window titled "Nile.com" with a light gray background. It contains several input fields and buttons. The fields are labeled "Number of items for this order:", "Item ID:", "Quantity of item:", and "Item Info:". Below these is an "Order Subtotal:" field. At the bottom, there are six buttons: "Process Item" (highlighted in blue), "Confirm Item", "View Order", "Finish Order", "New Order" (highlighted in blue), and "Exit" (highlighted in blue).

Display after processing 1 item of 2. Notice that the user can no longer change the number of items in the order. The “process order” button is grayed out, and the “confirm item” button is now an option.



The screenshot shows the same "Nile.com" window, but with data entered in the input fields. The "Number of items for this order:" field contains the value "2". The "Item ID:" field contains "14". The "Quantity of item:" field contains "12". The "Item Info:" field contains "14 'Stanley #2 Philips Screwdriver' \$6.95 12 15% \$70.89". The "Order Subtotal:" field is empty. The buttons at the bottom are now: "Process Item" (grayed out), "Confirm Item" (highlighted in blue), "View Order", "Finish Order", "New Order" (highlighted in blue), and "Exit" (highlighted in blue).

Display after confirming 1 item of 2:

Nile.com

Number of items for this order:

2

Item ID:

14

Quantity of item:

12

14 "Stanley #2 Philips Screwdriver" \$6.95 12 15% \$70.89

Order Total for 1 item(s)

\$70.89

Process Item

Confirm Item

View Order

Finish Order

New Order

Exit

Message

i

Item #1 has been added to your order.

OK

Nile.com

Number of items for this order:

2

Item ID:

14

Quantity of item:

12

14 "Stanley #2 Philips Screwdriver" \$6.95 12 15% \$70.89

Order Total for 1 item(s)

\$70.89

Process Item

Confirm Item

View Order

Finish Order

New Order

Exit

Display after processing item number 2 of 2:

Nile.com

Number of items for this order:

2

Item ID:

23

Quantity of item:

24

23 "Tamiya 2oz paint - ferrari red" \$2.39 24 20% \$45.89

Order Total for 1 item(s)

\$70.89

Process Item

Confirm Item

View Order

Finish Order

New Order

Exit

Display after confirming item 2 of 2:

The left screenshot shows the Nile.com application window with the following fields and buttons:

- Number of items for this order: 2
- Item ID: 23
- Quantity of item: 24
- Item Info: 23 "Tamiya 2oz paint - ferrari red" \$2.39 24 20% \$45.89
- Order Total for 2 item(s): \$116.78
- Buttons: Process Item, Confirm Item, View Order, Finish Order, New Order, Exit

The right screenshot shows the same application window after confirming item 2 of 2. A message dialog box is displayed with the text: "Item #2 has been added to your order." The dialog box has an "OK" button.

Display after clicking "Finish Order":

The screenshot shows the Nile.com application window with the following information:

- Date: 09/14/21 04:48:49 PM EDT
- Number of items: 2
- Item# / ID / Title / Price / Qty / Disc% / Subtotal:
- 1. 14 "Stanley #2 Philips Screwdriver" \$6.95 12 15% \$70.89
- 2. 23 "Tamiya 2oz paint - ferrari red" \$2.39 24 20% \$45.89
- Order subtotal: \$116.78
- Tax rate: %6
- Tax amount: \$7.01
- Order total: \$123.79
- Thanks for shopping at Nile Dot Com!
- Buttons: OK

“Transactions.txt” file with the demonstrated transaction and a previously made transaction:

```
inventory.txt      WindChill.java      Nile.java      transactions.txt      Primes.java
1  140920210412, 22389, "Swingline Model B2200 stapler", $18.00, 2, 0%, $36.00, 09/14/21, 04:12:18 PM EDT
2  140920210412, 56718, "Tamiya McLaren MP4-8 Ford 1/20", $75.00, 12, 15%, $765.00, 09/14/21, 04:12:18 PM EDT
3  140920210412, 2234983, "Wilson NCAA official softball - 1 doz", $55.00, 1, 0%, $55.00, 09/14/21, 04:12:18 PM EDT
4  140920210412, 387, "Brachs butterscotch hard candy - 1 lb", $4.50, 387, 20%, $1393.20, 09/14/21, 04:12:18 PM EDT
5  140920210412, 4499120, "M&Ms dark chocolate w/peanuts - 3oz", $2.50, 20, 20%, $40.00, 09/14/21, 04:12:18 PM EDT
6  140920210448, 14, "Stanley #2 Philips Screwdriver", $6.95, 12, 15%, $70.89, 09/14/21, 04:48:49 PM EDT
7  140920210448, 23, "Tamiya 2oz paint - ferrari red", $2.39, 24, 20%, $45.89, 09/14/21, 04:48:49 PM EDT
8
```

Error displayed when an item is out of stock or not found in “inventory.txt”:

The screenshot shows the Nile.com web application interface. At the top, there's a header with the Nile.com logo and navigation icons. Below the header, there's a form with the following fields and values:

- Number of items for this order:** 1
- Item ID:** 123123
- Quantity of item:** 2

A modal dialog box titled "Message" is displayed in the center of the screen. It contains an information icon (i) and the text "Item not found or out of stock." with an "OK" button.

At the bottom of the form, there are several buttons: "Process Item", "Confirm Item", "View Order", "Finish Order", "New Order", and "Exit".