

1. Navigate to the folder where the entire phase_2 directory is download and execute:

```
>> javac Main.java
```

```
>> java Main
```

The program will check to make sure the database exists, and the log.txt are created.

```
Command Prompt - java Main
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C:\Users\Epps>cd C:\Users\Epps\Desktop\bash\Project_234\Dan\code(11_12_21)

C:\Users\Epps\Desktop\bash\Project_234\Dan\code(11_12_21)>dir
Volume in drive C is OS
Volume Serial Number is C050-64BD

Directory of C:\Users\Epps\Desktop\bash\Project_234\Dan\code(11_12_21)

11/12/2021  09:34 PM    <DIR>          .
11/12/2021  09:34 PM    <DIR>          ..
11/12/2021  08:36 PM             5,325 Cart.java
11/12/2021  08:36 PM             1,929 Log.java
11/12/2021  08:36 PM              513 Main.java
11/12/2021  08:36 PM             6,361 Menu.java
11/12/2021  09:21 PM             687 Readme.txt
11/12/2021  08:36 PM    <DIR>        resources
11/12/2021  08:36 PM             7,125 Search.java
               6 File(s)          21,940 bytes
               3 Dir(s) 101,057,916,928 bytes free

C:\Users\Epps\Desktop\bash\Project_234\Dan\code(11_12_21)>javac Main.java

C:\Users\Epps\Desktop\bash\Project_234\Dan\code(11_12_21)>java Main
Checking for Database.....
Database found!
Checking log file...
File already exists.
```

2. The Main menu will load.

```
Command Prompt - java Main

C:\Users\Epps\Desktop\bash\Project_234\Dan\code(11_12_21)>java Main
Checking for Database.....
Database found!
Checking log file...
File already exists.

*****
*****Welcome to the bookstore*****
*****

Please select an option:
(s)earch menu
(c)art menu
(v)iew log
(q)uit
```

3. The Search Menu will load. Input “s” to load the Search menu.

```
Command Prompt - java Main
C:\Users\Epps\Desktop\bash\Project_234\Dan\code(11_12_21)>java Main
Checking for Database.....
Database found!
Checking log file...
File already exists.

*****Welcome to the bookstore*****
*****
Please select an option:
(s)earch menu
(c)art menu
(v)iew log
(q)uit
s
*****Search Menu*****
*****
Please select your search method:
(a)uthor
(i)sbn
(t)itle
(m)ain menu
(c)art menu
(q)uit
```

4. Select a search option. For example, “a” for author. Type in an author’s name to search. This same process can be done with (t)ile and (i)sbn as well by typing in the corresponding information.

```
Command Prompt - java Main
s
*****Search Menu*****
*****
Please select your search method:
(a)uthor
(i)sbn
(t)itle
(m)ain menu
(c)art menu
(q)uit
a
Search supports wildcard. ex. "A" returns "Author1, Author2", etc...
Please input the Author's name:
Stephen
Results found:
(1. Title: IT, Author: Stephen King, ISBN: 978198
(2. Title: The Shining, Author: Stephen King, ISBN: 978035
(3. Title: Carrie, Author: Stephen King, ISBN: 978031
(4. Title: Misery, Author: Stephen King, ISBN: 978150
(5. Title: Salem's Lot, Author: Stephen King, ISBN: 978031
(6. Title: Billy Summers, Author: Stephen King, ISBN: 978198
(7. Title: The Outsider, Author: Stephen King, ISBN: 978150
(8. Title: Pet Cemetary, Author: Stephen King, ISBN: 978074
(9. Title: The Institute, Author: Stephen King, ISBN: 978198
(10. Title: Doctor Sleep, Author: Stephen King, ISBN: 978198
(11. Title: The Green Mile, Author: Stephen King, ISBN: 978150
(12. Title: Cujo, Author: Stephen King, ISBN: 978045
Select which to add to cart(e.g. 1 1,2 1,2,3)
```

5. If the desired results have been found, select which items you'd like to add to your cart following the menu's options.

```
Command Prompt - java Main
(6. Title: Billy Summers, Author: Stephen King, ISBN: 978198
(7. Title: The Outsider, Author: Stephen King, ISBN: 978150
(8. Title: Pet Cemetary, Author: Stephen King, ISBN: 978074
(9. Title: The Institute, Author: Stephen King, ISBN: 978198
(10. Title: Doctor Sleep, Author: Stephen King, ISBN: 978198
(11. Title: The Green Mile, Author: Stephen King, ISBN: 978150
(12. Title: Cujo, Author: Stephen King, ISBN: 978045
Select which to add to cart(e.g. 1 1,2 1,2,3)

(a)dd all
(s)earch menu
(m)ain menu
(c)art menu
(q)uit
1,2,4,9
Added Title: IT, Author: Stephen King, ISBN: 978198
Added Title: The Shining, Author: Stephen King, ISBN: 978035
Added Title: Misery, Author: Stephen King, ISBN: 978150
Added Title: The Institute, Author: Stephen King, ISBN: 978198
*****Cart Menu*****
*****
Please select an option:
(v)iew cart
(r)emove item
(s)earch menu
(m)ain menu
(c)heckout
(q)uit
```

6. After the items are added to the cart, the user can remove/add more items to the cart, or checkout. Examples below.

Removing item:

```
Command Prompt - java Main
Added Title: The Institute, Author: Stephen King, ISBN: 978198
*****Cart Menu*****
*****
Please select an option:
(v)iew cart
(r)emove item
(s)earch menu
(m)ain menu
(c)heckout
(q)uit
r
1.) Title: IT, Author: Stephen King, ISBN: 978198
2.) Title: The Shining, Author: Stephen King, ISBN: 978035
3.) Title: Misery, Author: Stephen King, ISBN: 978150
4.) Title: The Institute, Author: Stephen King, ISBN: 978198
If you want more than one book use a "," to separate values. Ex. 1,2,4 or 1,4,7

Please select a book to remove.
(a)ll books
(q)uit
1
Removing item: 1
Book 1 successfully removed.
*****Cart Menu*****
*****
Please select an option:
(v)iew cart
(r)emove item
(s)earch menu
(m)ain menu
(c)heckout
(q)uit
```

Adding item:

```
Command Prompt - java Main
Removing item: 1
Book 1 successfully removed.
*****
*****Cart Menu*****
*****
Please select an option:
(v)iew cart
(r)emove item
(s)earch menu
(m)ain menu
(c)heckout
(q)uit
s
*****
*****Search Menu*****
*****
Please select your search method:
(a)uthor
(i)sbn
(t)itle
(m)ain menu
(c)art menu
(q)uit
a
Search supports wildcard. ex. "A" returns "Author1, Author2", etc...
Please input the Author's name:
St
Results found:
(1. Title: IT, Author: Stephen King, ISBN: 978198
(2. Title: The Shining, Author: Stephen King, ISBN: 978035
(3. Title: Carrie, Author: Stephen King, ISBN: 978031
(4. Title: Misery, Author: Stephen King, ISBN: 978150
(5. Title: Salem's Lot, Author: Stephen King, ISBN: 978031
(6. Title: Billy Summers, Author: Stephen King, ISBN: 978198
(7. Title: The Outsider, Author: Stephen King, ISBN: 978150
(8. Title: Pet Cemetary, Author: Stephen King, ISBN: 978074
(9. Title: The Institute, Author: Stephen King, ISBN: 978198
(10. Title: Doctor Sleep, Author: Stephen King, ISBN: 978198
(11. Title: The Green Mile, Author: Stephen King, ISBN: 978150
(12. Title: Cujo, Author: Stephen King, ISBN: 978045
(13. Title: the Red and the Black, Author: Stendhal, ISBN: 978081
Select which to add to cart(e.g. 1 1,2 1,2,3)

(a)dd all
(s)earch menu
(m)ain menu
(c)art menu
(q)uit
```

7. Once the user has made the desired changes, they can checkout from the cart menu.

```
Command Prompt - java Main
Please input the Author's name:
St
Results found:
(1. Title: IT, Author: Stephen King, ISBN: 978198
(2. Title: The Shining, Author: Stephen King, ISBN: 978035
(3. Title: Carrie, Author: Stephen King, ISBN: 978031
(4. Title: Misery, Author: Stephen King, ISBN: 978150
(5. Title: Salem's Lot, Author: Stephen King, ISBN: 978031
(6. Title: Billy Summers, Author: Stephen King, ISBN: 978198
(7. Title: The Outsider, Author: Stephen King, ISBN: 978150
(8. Title: Pet Cemetary, Author: Stephen King, ISBN: 978074
(9. Title: The Institute, Author: Stephen King, ISBN: 978198
(10. Title: Doctor Sleep, Author: Stephen King, ISBN: 978198
(11. Title: The Green Mile, Author: Stephen King, ISBN: 978150
(12. Title: Cujo, Author: Stephen King, ISBN: 978045
(13. Title: the Red and the Black, Author: Stendhal, ISBN: 978081
Select which to add to cart(e.g. 1 1,2 1,2,3)

(a)dd all
(s)earch menu
(m)ain menu
(c)art menu
(q)uit
c
*****
*****Cart Menu*****
*****
Please select an option:
(v)iew cart
(r)emove item
(s)earch menu
(m)ain menu
(c)heckout
(q)uit
c
The Shining saved to log!
Misery saved to log!
The Institute saved to log!
*****
*****Cart Menu*****
*****
Please select an option:
(v)iew cart
(r)emove item
(s)earch menu
(m)ain menu
(c)heckout
(q)uit
```

8. Once the user has checked out, the cart items will be added to the “purchaselog.txt” file, and the items will be removed from the Cart within the program. The user can quit, or start over from there. If the user wishes to see the the log, it’s located on the main menu, and will only add to this file, as long as it exists, and create it if it doesn’t.