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Given Name:JALEEL AHMAD

Class:EECS-3421B

Term:Fall2019

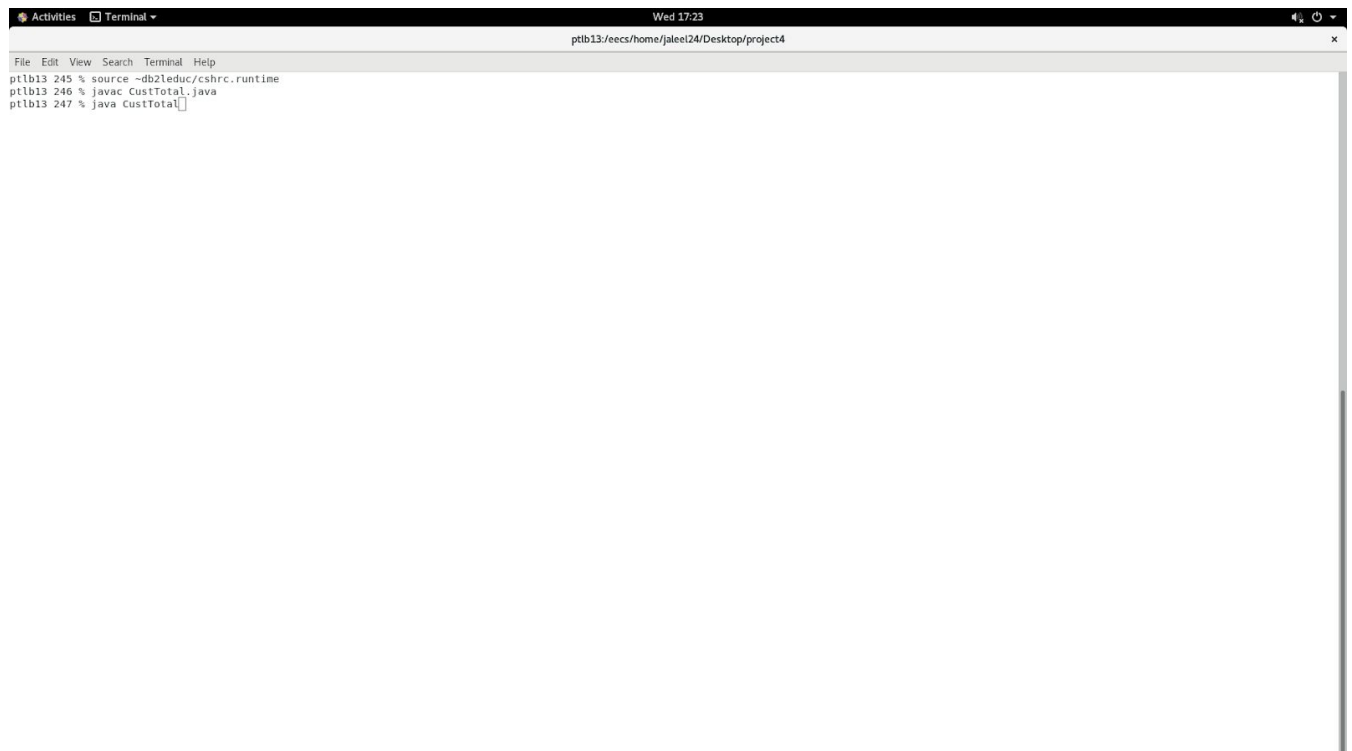
Project:Application

User Manual of YRB Application

1. Set up of Application:

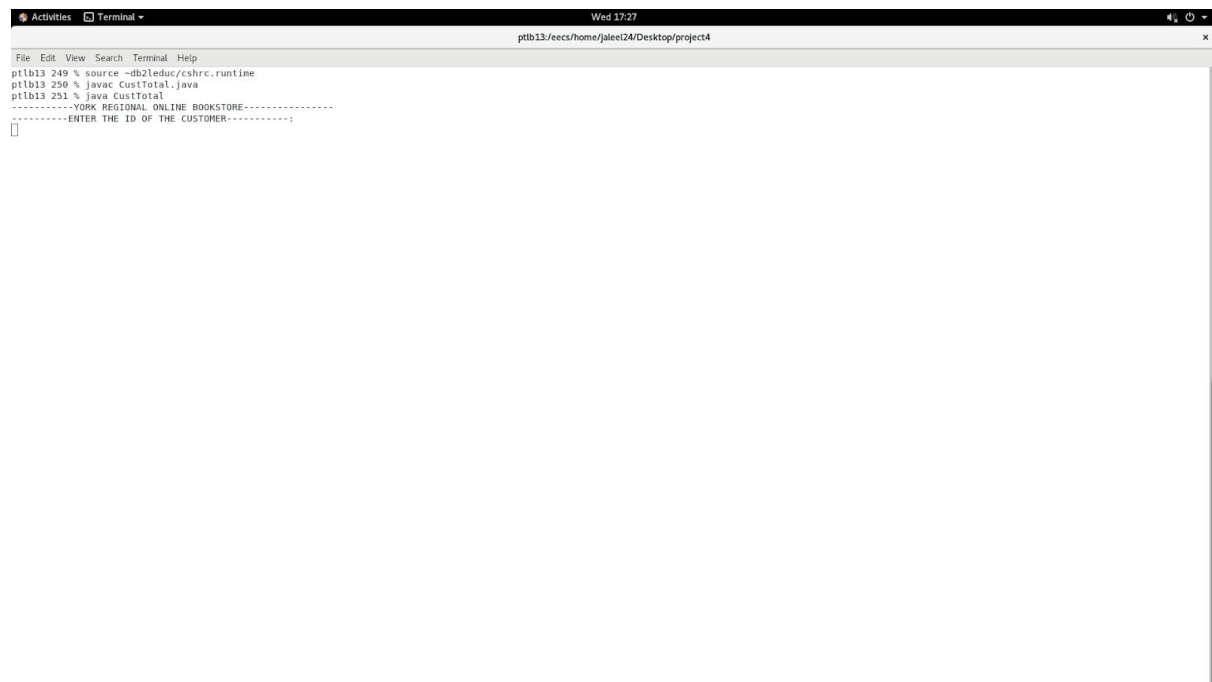
- a. Turn on your terminal
- b. Go to folder where you have the java file in my case the name of my file is CustTotal.java
- c. Go to the folder where the file is situated then
- d. connect with the yrb database with the command given in the pdf **db2 -tf yrb_create.sql** This command will drop all the tables of the yrb database which we are using it for this project
- e. Then run this command **source ~db2leduc/cshrc.runtime**
- f. Then compile the java file by using command **javac CustTotal.java**
- g. Then run the java file using following command **java CustTotal**

This is the starting screen



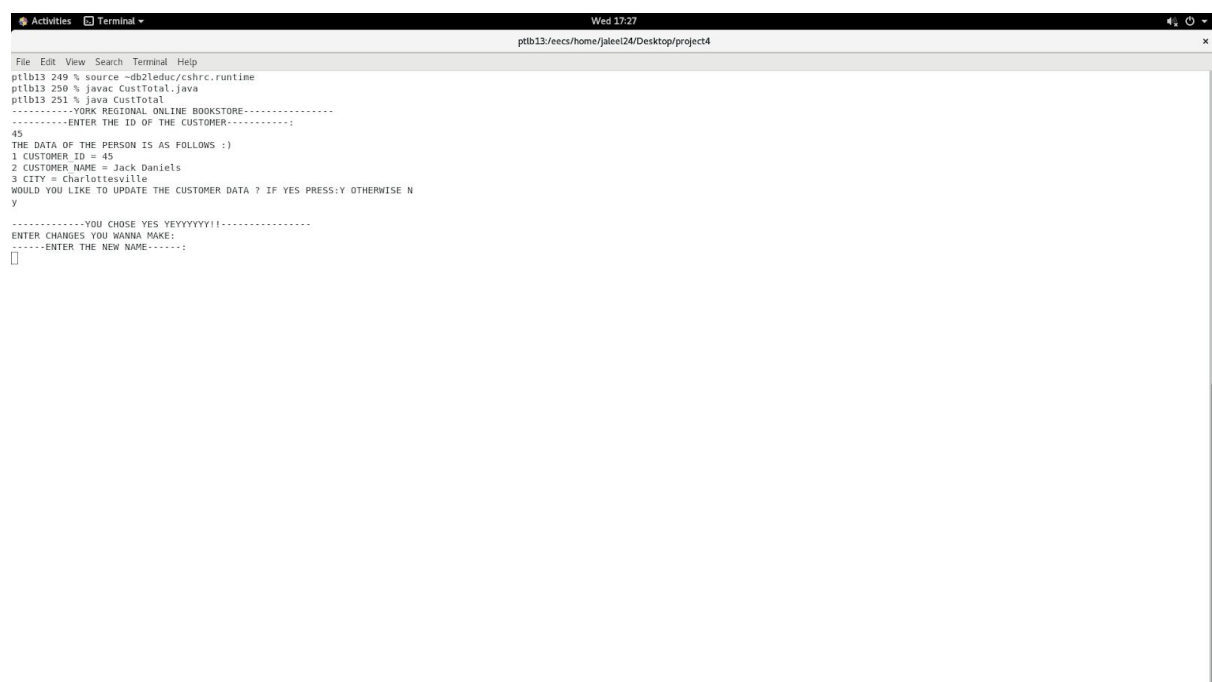
In this screen you are just compiling the file and running the file as you can see there are no errors so it means m java file runs fine

In this below screens user is asking for the user input so i have put 45for the example and the application returns the customer with the id ,name and the city that customer belongs to Then application ask the user you want to update i selected Y means yes so it gives me a further screen where user is being asked to enter the name and the city you want to change.you can see in the second screenshot on this page



```
ptlb13@eecs/home/jaleel24/Desktop/project4:
File Edit View Search Terminal Help
ptlb13 249 % source ~db2leduc/cshrc.runtime
ptlb13 250 % javac CustTotal.java
ptlb13 251 % java CustTotal
-----YORK REGIONAL ONLINE BOOKSTORE-----
-----ENTER THE ID OF THE CUSTOMER-----

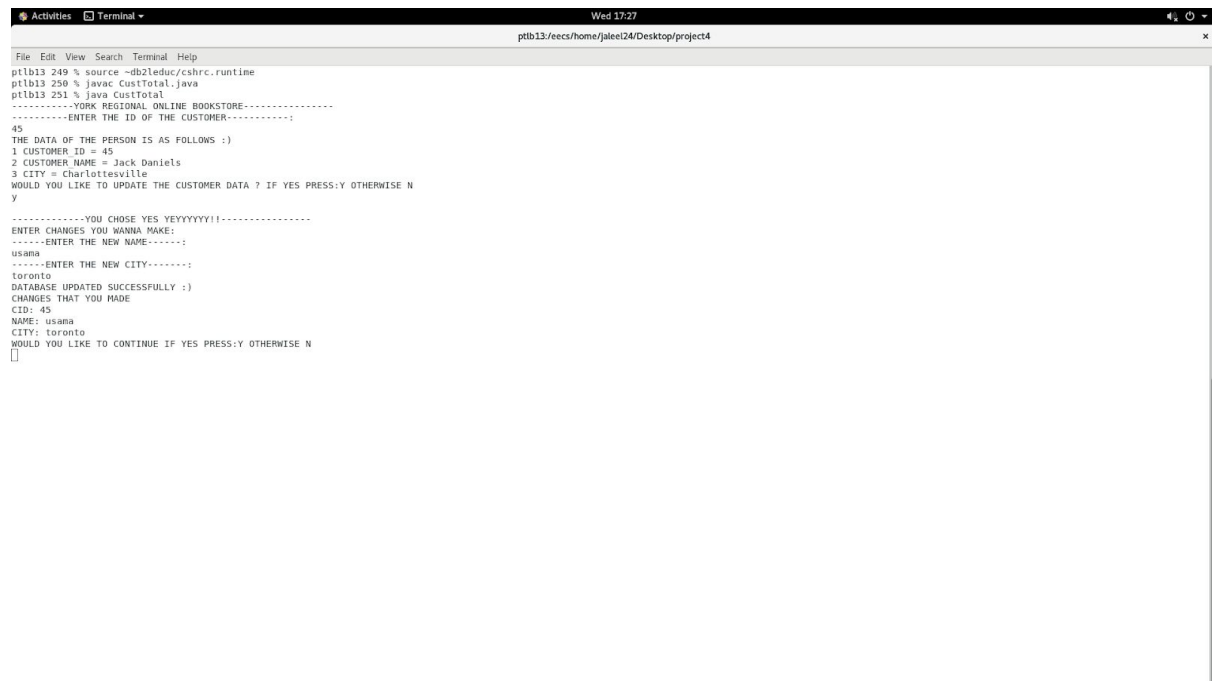
```



```
ptlb13@eecs/home/jaleel24/Desktop/project4:
File Edit View Search Terminal Help
ptlb13 249 % source ~db2leduc/cshrc.runtime
ptlb13 250 % javac CustTotal.java
ptlb13 251 % java CustTotal
-----YORK REGIONAL ONLINE BOOKSTORE-----
-----ENTER THE ID OF THE CUSTOMER-----
45
THE DATA OF THE PERSON IS AS FOLLOWS :)
1 CUSTOMER ID = 45
2 CUSTOMER NAME = Jack Daniels
3 CITY = Charlottesville
WOULD YOU LIKE TO UPDATE THE CUSTOMER DATA ? IF YES PRESS:Y OTHERWISE N
Y
-----YOU CHOSE YES YEYYYYYYY!!-----
ENTER CHANGES YOU WANNA MAKE:
-----ENTER THE NEW NAME-----

```

Then in this picture you can see the updated customer with name and city

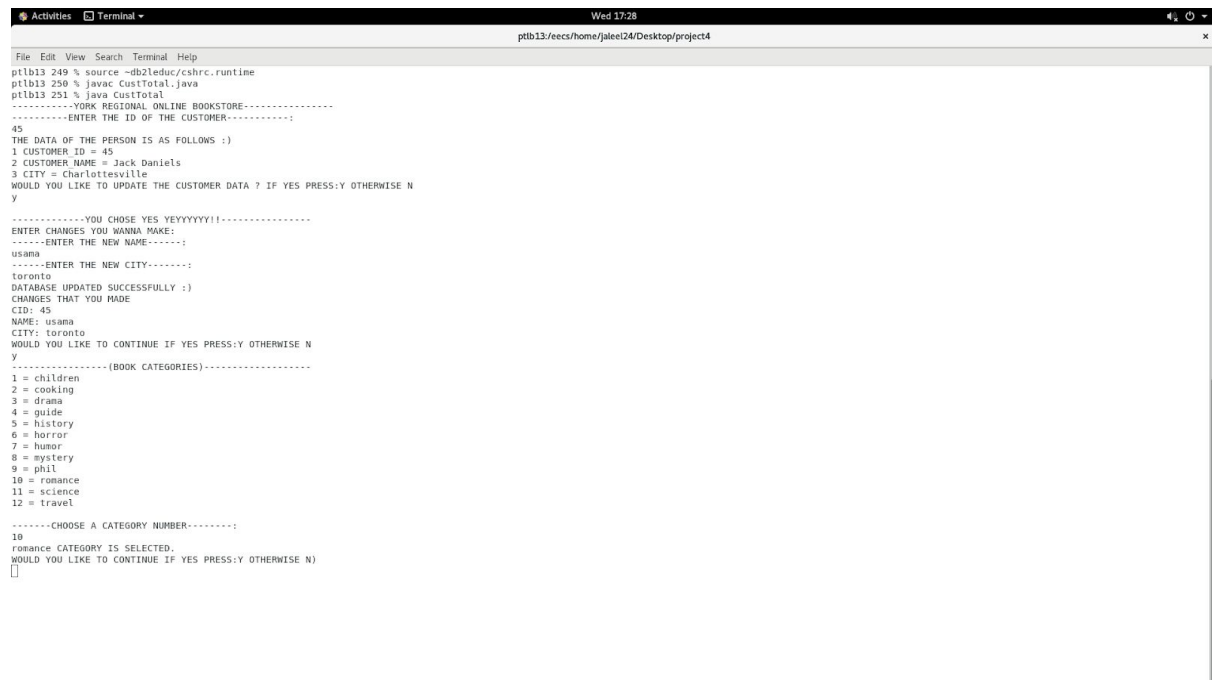


A terminal window titled 'Wed 17:27' showing a Java application running. The application prompts for a customer ID (45) and displays the current data: Customer ID 45, Name Jack Daniels, City Charlottesville. It asks if the user wants to update the data, and the user responds 'Y'. The application then prompts for a new name ('usana') and a new city ('toronto'). It confirms the database update and displays the new data: Customer ID 45, Name usana, City toronto. It asks if the user wants to continue, and the user responds with an empty line.

```
ptlb13 249 % source ~db2leduc/cshrc.runtime
ptlb13 250 % javac CustTotal.java
ptlb13 251 % java CustTotal
-----YORK REGIONAL ONLINE BOOKSTORE-----
-----ENTER THE ID OF THE CUSTOMER-----:
45
THE DATA OF THE PERSON IS AS FOLLOWS :)
1 CUSTOMER_ID = 45
2 CUSTOMER_NAME = Jack Daniels
3 CITY = Charlottesville
WOULD YOU LIKE TO UPDATE THE CUSTOMER DATA ? IF YES PRESS:Y OTHERWISE N
Y
-----YOU CHOSE YES YEYYYYY!!-----
ENTER CHANGES YOU WANNA MAKE:
-----ENTER THE NEW NAME-----:
usana
-----ENTER THE NEW CITY-----:
toronto
DATABASE UPDATED SUCCESSFULLY :)
CHANGES THAT YOU MADE
CID: 45
NAME: usana
CITY: toronto
WOULD YOU LIKE TO CONTINUE IF YES PRESS:Y OTHERWISE N

```

Then further application asks you if you want to continue if you chose yes as an option and then you can see the Book categories

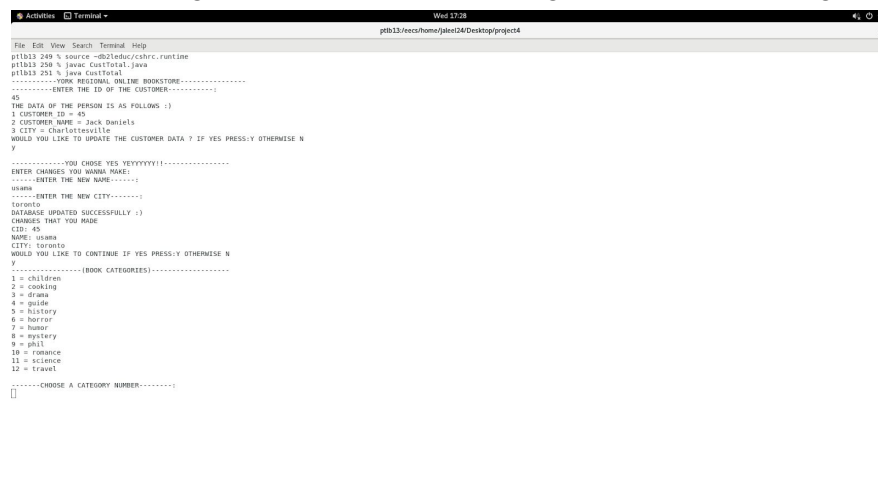


A terminal window titled 'Wed 17:28' showing the same Java application. It displays the same customer data as the previous screenshot. After the user responds 'Y' to continue, the application displays a list of book categories: 1 = children, 2 = cooking, 3 = drama, 4 = guide, 5 = history, 6 = horror, 7 = humor, 8 = mystery, 9 = phil, 10 = romance, 11 = science, 12 = travel. It prompts the user to choose a category number, and the user responds '10'. The application confirms the selection and asks if the user wants to continue, with the user responding with an empty line.

```
ptlb13 249 % source ~db2leduc/cshrc.runtime
ptlb13 250 % javac CustTotal.java
ptlb13 251 % java CustTotal
-----YORK REGIONAL ONLINE BOOKSTORE-----
-----ENTER THE ID OF THE CUSTOMER-----:
45
THE DATA OF THE PERSON IS AS FOLLOWS :)
1 CUSTOMER_ID = 45
2 CUSTOMER_NAME = Jack Daniels
3 CITY = Charlottesville
WOULD YOU LIKE TO UPDATE THE CUSTOMER DATA ? IF YES PRESS:Y OTHERWISE N
Y
-----YOU CHOSE YES YEYYYYY!!-----
ENTER CHANGES YOU WANNA MAKE:
-----ENTER THE NEW NAME-----:
usana
-----ENTER THE NEW CITY-----:
toronto
DATABASE UPDATED SUCCESSFULLY :)
CHANGES THAT YOU MADE
CID: 45
NAME: usana
CITY: toronto
WOULD YOU LIKE TO CONTINUE IF YES PRESS:Y OTHERWISE N
Y
-----BOOK CATEGORIES)-----
1 = children
2 = cooking
3 = drama
4 = guide
5 = history
6 = horror
7 = humor
8 = mystery
9 = phil
10 = romance
11 = science
12 = travel
-----CHOOSE A CATEGORY NUMBER-----:
10
romance CATEGORY IS SELECTED.
WOULD YOU LIKE TO CONTINUE IF YES PRESS:Y OTHERWISE N)

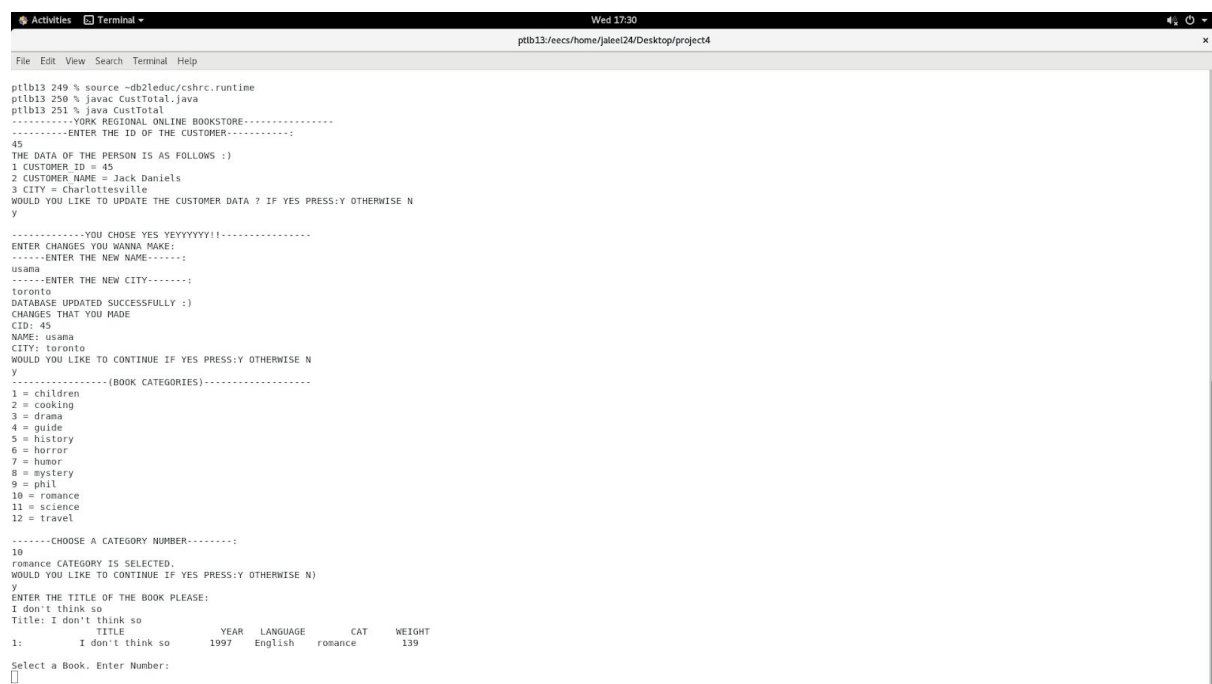
```

Look at the below screenshot user selected the option 10 a romance category which can be seen according to the requirement of assignment 4 that is being fulfilled



```
ptb13@eecs/home/jaleel24/Desktop/project4
File Edit View Search Terminal Help
ptb13 249 % source -db2leduc/cshrc.runtime
ptb13 250 % javac CustTotal.java
ptb13 251 % java CustTotal
-----YORK REGIONAL ONLINE BOOKSTORE-----
-----ENTER THE ID OF THE CUSTOMER-----:
45
THE DATA OF THE PERSON IS AS FOLLOWS :)
1 CUSTOMER ID = 45
2 CUSTOMER NAME = Jack Daniels
3 CITY = Charlottesville
WOULD YOU LIKE TO UPDATE THE CUSTOMER DATA ? IF YES PRESS:Y OTHERWISE N
Y
-----YOU CHOSE YES YEYYYYYYY!-----
ENTER CHANGES YOU WANNA MAKE:
-----ENTER THE NEW NAME-----:
usama
-----ENTER THE NEW CITY-----:
toronto
DATABASE UPDATED SUCCESSFULLY :)
CHANGES THAT YOU MADE
CID: 45
NAME: usama
CITY: toronto
WOULD YOU LIKE TO CONTINUE IF YES PRESS:Y OTHERWISE N
Y
-----[BOOK CATEGORIES]-----
1 = children
2 = cooking
3 = drama
4 = guide
5 = history
6 = horror
7 = humor
8 = mystery
9 = phil
10 = romance
11 = science
12 = travel
-----CHOOSE A CATEGORY NUMBER-----:
10
```

Here you can see the chosen category of book which was romance so my application presents the data of the book as required in the assignment 4



```
ptb13@eecs/home/jaleel24/Desktop/project4
File Edit View Search Terminal Help
ptb13 249 % source -db2leduc/cshrc.runtime
ptb13 250 % javac CustTotal.java
ptb13 251 % java CustTotal
-----YORK REGIONAL ONLINE BOOKSTORE-----
-----ENTER THE ID OF THE CUSTOMER-----:
45
THE DATA OF THE PERSON IS AS FOLLOWS :)
1 CUSTOMER ID = 45
2 CUSTOMER NAME = Jack Daniels
3 CITY = Charlottesville
WOULD YOU LIKE TO UPDATE THE CUSTOMER DATA ? IF YES PRESS:Y OTHERWISE N
Y
-----YOU CHOSE YES YEYYYYYYY!-----
ENTER CHANGES YOU WANNA MAKE:
-----ENTER THE NEW NAME-----:
usama
-----ENTER THE NEW CITY-----:
toronto
DATABASE UPDATED SUCCESSFULLY :)
CHANGES THAT YOU MADE
CID: 45
NAME: usama
CITY: toronto
WOULD YOU LIKE TO CONTINUE IF YES PRESS:Y OTHERWISE N
Y
-----[BOOK CATEGORIES]-----
1 = children
2 = cooking
3 = drama
4 = guide
5 = history
6 = horror
7 = humor
8 = mystery
9 = phil
10 = romance
11 = science
12 = travel
-----CHOOSE A CATEGORY NUMBER-----:
10
romance CATEGORY IS SELECTED.
WOULD YOU LIKE TO CONTINUE IF YES PRESS:Y OTHERWISE N)
Y
ENTER THE TITLE OF THE BOOK PLEASE:
I don't think so
Title: I don't think so
-----
1:      TITLE      YEAR  LANGUAGE  CAT  WEIGHT
-----
1:      I don't think so      1997    English    romance    139
-----
Select a Book, Enter Number:
10
```

In the end i chose one as an option to but due to shortage of time and other final projects i could not implement the last question.Thanks

Let's talk about some scenarios when i chose no means 'N' as an options then application gives user an option that if user wants to continue and wants to choose a category of the book which is the requirement of second question in part B of the project 4. Then further

```

ptlb12 171 % ls
CPA(1).pdf
CPA.pdf
const_trig(1).sql
const_trig(2).sql
const_trig.sql
CustTotal.java
Data Structures and Algorithms in Java_6.pdf Goodread(1).pdf
Data Structures and Algorithms in Java_6.pdf Goodread.pdf
DB.java
Desktop
Documents
Downloads
eclipse-workspace
FullStack.pdf
ptlb12 172 % cd Desktop
ptlb12 173 % cd project4
ptlb12 174 % source -db2educ/cshrc.runtime
ptlb12 175 % javac CustTotal.java
ptlb12 176 % java CustTotal
-----YORK REGIONAL ONLINE BOOKSTORE-----
-----ENTER THE ID OF THE CUSTOMER-----:
2
THE DATA OF THE PERSON IS AS FOLLOWS :)
1 CUSTOMER ID = 2
2 CUSTOMER NAME = Qfwfq
3 CITY = Pluto
WOULD YOU LIKE TO UPDATE THE CUSTOMER DATA ? IF YES PRESS:Y OTHERWISE N
N
HEY LETS CALL CATEGORIES THERE YOU GO:
WOULD YOU LIKE TO CONTINUE IF YES PRESS:Y OTHERWISE N
N

```

Another scenario when user choose a category application again asks if you want to continue or not if you chose No then application will terminate as shown below

```

ptlb12 176 % java CustTotal
-----YORK REGIONAL ONLINE BOOKSTORE-----
-----ENTER THE ID OF THE CUSTOMER-----:
2
THE DATA OF THE PERSON IS AS FOLLOWS :)
1 CUSTOMER ID = 2
2 CUSTOMER NAME = Qfwfq
3 CITY = Pluto
WOULD YOU LIKE TO UPDATE THE CUSTOMER DATA ? IF YES PRESS:Y OTHERWISE N
N
HEY LETS CALL CATEGORIES THERE YOU GO:
WOULD YOU LIKE TO CONTINUE IF YES PRESS:Y OTHERWISE N
Y
-----BOOK CATEGORIES)-----
1 = children
2 = cooking
3 = drama
4 = guide
5 = history
6 = horror
7 = humor
8 = mystery
9 = phil
10 = romance
11 = science
12 = travel
-----CHOOSE A CATEGORY NUMBER-----:
10
romance CATEGORY IS SELECTED.
WOULD YOU LIKE TO CONTINUE IF YES PRESS:Y OTHERWISE N)
N
GOODBYE
BYE BYE
ptlb12 177 %

```