

# Project 2 Report

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```
red 52 % java CustTotal
Enter Customer ID: -23
The ID that you have provided isn't in our database. Try again: 255
The ID that you have provided isn't in our database. Try again: 12
Customer ID: 12      Customer Name: Fanny Mae      City: Roanoke
```

The program starts off by asking the user to enter a customer ID. If that ID exists, it displays the details of the person that is assigned this customer ID. If that ID doesn't exist in the database or the user provides a garbage number, it loops and prompts the user to enter a valid ID.

```
Categories are:
children|cooking|drama|guide|history|horror|humor|mystery|phil|romance|science|travel|

Enter one of the above categories fam: memes

The category entered is incorrect! Try again.

Categories are:
children|cooking|drama|guide|history|horror|humor|mystery|phil|romance|science|travel|
Enter one of the above categories fam: Children
Books associated with the category: children

Akachan Furu
Curiouser and Curiouser
La Petite Chou
Pigs are nice
Rabbits are nice
Vegetables are Good!
```

Once the customer information is displayed, the program outputs a list of categories for the use to choose from. If the user chooses the right category, the book titles associated with that category are displayed. However, if the user provides a trash value, the program prompts the user that they have made the wrong selection and keep trying until they enter the right one.

```
Enter the title from the list above: The book of dan memes
No book exists! Try again!

Categories are:
children|cooking|drama|guide|history|horror|humor|mystery|phil|romance|science|travel|

Enter one of the above categories fam: children

Books associated with the category: children

Akachan Furu
Curiouser and Curiouser
La Petite Chou
Pigs are nice
Rabbits are nice
Vegetables are Good!

Enter the title from the list above: Akachan Furu

Book #1
Title: Akachan Furu      Year: 1999      Language: Japanese      Weight: 244
Enter the book number to pick the book: █
```

Afterwards, the user types in the book title to select the book. If the user enters a title that doesn't exist, the program prompts the user that they have entered a book that doesn't exist and takes them back to the category screen to pick another category. This is to depict the fact that the book they are looking for doesn't exist in this category and maybe it exists in another. If the user enters the right book title, details associated with that book are displayed and the user can choose the book number to select it book.

```
Enter the title from the list above: Akachan Furu
Book #1
Title: Akachan Furu      Year: 1999      Language: Japanese      Weight: 244
Enter the book number to pick the book: 12
Enter the book number to pick the book: -1
Enter the book number to pick the book: 1
```

This snippet shows that the program will keep asking for the right book number until its provided. The book number is used distinguish more than one book with the same category and title.

```
Buy book? (Enter yes or no): yes
Minimum price for the book: $21.95
Enter quantity: -12
The number you have entered makes no sense. Try Again: 0
The number you have entered makes no sense. Try Again: 12

Transaction Complete!

Here are the details:
Customer ID: 12      Club: Oprah      Title: Akachan Furu      Year: 1999      Quantity: 12      Price: $263.40
Have a nice day and please visit us again
red 55 % █
```

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This screen prompts the user to decide on the purchase. If they choose to proceed, they are shown the minimum price for that book from the clubs that they are a member of. Then the program asks the user to input the number of books to buy. If the number is valid, the transaction goes through and is posted in the database. The program then exits gracefully. It loops in case of an invalid quantity, prompting the user to enter a valid one.

```
Book #1
Title: Akachan Furu      Year: 1999      Language: Japanese      Weight: 244
Enter the book number to pick the book: 12
Enter the book number to pick the book: 1
Buy book? (Enter yes or no): no
That's too bad. Have a nice day.
red 57 % █
```

If the user chooses not to buy the books, the program doesn't post anything to the database and exits gracefully. If the user provides something else besides a yes or a no, the program loops and prompts the user to make the right selection.