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**CUSTOMER**

|  |  |  |  |
| --- | --- | --- | --- |
| Function | Input | Output | Processing |
| setCustomerName | Customer Name(string) | None | Takes in a string |
| setCustomerNum | Customer Number(string) | None | Takes in a string |
| setCustomerCredit | Customer(string) | None | Takes in double |
| getCustomerName | None | Customer Name (string) | Return string |
| getCustomerNum | None | Customer Number (string) | Return string |
| getCustomerCredit | None | Customer Credit(double) | Return double |

**ADDRESS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Function | Input |  | Output |  | Processing |
| setStreetAddress | Street Address(string) |  | None |  | Takes in string |
| setCity | City(string) |  | None |  | Takes in string |
| setState | State(string) |  | None |  | Takes in string |
| setzipCode | Zip Code(string) |  | None |  | Takes in string |
| getStreetAddress | None |  | Street Address(string) |  | Return Street Name |
| getCity | None |  | City(string) |  | Return City |
| getState | None |  | State(string) |  | Return State |
| getzipCode | None | Zip Code |  | Return Zip Code |  |

**PRODUCT**

|  |  |  |  |
| --- | --- | --- | --- |
| Function | Input | Output | Processing |
| setItemNo | Item Number(integer) | None | Takes in integer |
| setDescription | Description(string) | None | Takes in string |
| setPrice | Price(double) | None | Takes in double |
| getItemNo | None | Item Number(integer) | Return item number |
| getDescription | None | Description(string) | Return Description |
| getPrice | None | Price(double | Return Price |
|  |  |  |  |

**DRIVER FILE**

|  |  |  |  |
| --- | --- | --- | --- |
| Function | Input | Output | Processing |
| assignVectoraddress |  |  | assigns address |
| generateOrderNum |  |  | Generate random numbers |
| addAddress |  |  | Look for customer address in Vector |
| getCustomerFileInfo | None | Customer File Information(string) | Grab info into within file and passes it by delimiter |
| getProductFileInfo | None | Product File Information(string) | Grab info with file and passes by delimiter |
| countLinesInFile |  |  | Count lines within file |
| checkCustomerStuff |  | Bool | Make sure customers items and credit is valid |
| filecount |  | integer | Return by countLinesInFile |
| productfilecount |  | integer | Return by countLinesInFiles |
| getCustomerFileInfo | None | string |  |
| getProductFileInfo | None | string |  |