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CS172 summer

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Requirements Specification

For my project I will use classes for the different restaurants that will be available for the user to eat at. Once the user has decided which restaurant they would like to go to and how much money they have a list of options will show up for them. I will use file input/output to store the different options for the restaurants. The system is required to have a few different options as to what a person can have for lunch and how much the person wants to spend. The system should also properly show what the user can get. Also the program should ask if they want a side or anything extra depending on how much money the person has.

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| --- |
| Person |
| -string name  -double money |
| + Person();  +Person(string name, int money);  +void moneys();  + void choose\_restaurant(); |

|  |
| --- |
| Restaurant |
| -int sodaprice;  -int sideprice;  -int dessert price;  -string restaurantname;  -string fooditem;  -string foodtype;  -int Price; |
| +Restaurant();  +Restaurant(string Name);  +int get\_SodaPrice();  +int get\_SidePrice();  +int get\_DessertPrice();  + Restaurant(string fooditem, string foodtype, int Price);  +string get\_fooditem();  +string get\_foodtype();  +int get\_price();  +bool operator< (Restaurant&); |