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McDonalds Kiosk CLI (mcd-cli)

A command line app emulating a McDonalds Kiosk
For Grade 11 summer school summative



Description:

Mcd-cli is a command line interface for ordering items from McDonalds, It features 47 items ranging from burgers to wraps to drinks. It allows for editing the cart, as well as printing receipts. It is fast, efficient, and maintainable, as well as well documented with comments throughout the source code.

Bugs: No known at time of writing

Documentation

How to run

1. If you are on Windows, install [MinGW](MinGW.md)
2. Install [CMake](https://cmake.org/install/)
3. On windows run in powershell:
`cmake --preset windows-release -S . -B .\build; cmake --build ./build --target McDonalds -- -j 4; cls; & ".\build/McDonalds.exe"`

On linux run:

```
cmake --preset linux-debug -S . -B .\build && cmake --build ./build --target McDonalds -- -j 4 && clear && ./build/McDonalds
```

Arguments

- '-s' -- use to turn off timers in the program
- '-r' -- use to turn off clearing screen

How to quit

When in the main menu, type EXIT, and the program will exit, option 0, just deletes the cart and refreshes for a new user

Input

- Except for in the checkout, all inputs that have a string option can be accessed with said string option
- Anything that has

Test cases

Case 1: In the main menu:

1. Type 1 and enter
2. Type 1 and enter
3. Type 1 and enter

This puts one big mac in the cart

4. Type "Drinks" and enter
5. Type "DulcedLecheShake"
6. Type 3

This puts 3 Dulce de Leche Shakes in the cart

7. Type 5
8. Type 'y'
9. Type 0

The total should be printed

10. Type 'y'
11. Type 'y'

The user will pay by card, and the receipt will be printed

12. Type 'y'

Case 2: In the main menu:

1. Type 1
2. Type 2
3. Type 10
4. Type 5
5. Type 'y'
6. Type 1
7. Type 3
8. Type 'y'
9. Type 0
10. Type 'n'
11. Type 20
12. Type 5
13. Type 'y'

There should be a receipt of 3 Quarter pounder with cheese and a change of \$3.72

14. Type 'y'

Case 3: In the main menu

1. Type "EXIT"

The program should exit

Case 4 (arguments: -r -s): In the main menu

1. Type "Burgers"
2. Type "McRib"
3. Type 1
4. Type "Checkout"
5. Type 'y'
6. Type 1
7. Type 3
8. Type 'y'
9. Type 0
10. Type 'y'
11. Type 'n'

A Mc rib was ordered, without any receipt

Code

Find the code at <https://github.com/Shadow2ube/McDonalds>