

This is my testing for my Menu program. First, this is the start where it displays the ten items.

The screenshot shows the Xcode interface. On the left, the project navigation pane shows 'Dave'sBurgerShop' with files 'main.cpp' and 'ConstPrices.h'. The main editor pane contains the code for 'main.cpp'. The terminal pane at the bottom shows the execution of the program:

```
Make a selection 1-10 to place your order
1. Burgers
2. Frys
3. Deserts
4. Slushies
5. Breakfast
6. Chicken Swich
7. Toy (Buzz light Year)
8. Get Total
9. readBackOrder
10. EXIT
```

This is me testing user input by putting invalid data 'r' into the program and it gives me a proper responses in saying "Enter invalid Make another selection between 1-10 to place your order.

The screenshot shows the Xcode interface. On the left, the project navigation pane shows 'Dave'sBurgerShop' with files 'main.cpp' and 'ConstPrices.h'. The main editor pane contains the code for 'main.cpp'. The terminal pane at the bottom shows the execution of the program after entering 'r':

```
Make a selection 1-10 to place your order
1. Burgers
2. Frys
3. Deserts
4. Slushies
5. Breakfast
6. Chicken Swich
7. Toy (Buzz light Year)
8. Get Total
9. readBackOrder
10. EXIT

r
Enter invalid
Make another selection between 1-10 to place your order
```

This is me entering the correct input 2 for fries and the program tells me “This is a function that orders a fry but it is incomplete.”

```
1 // main.cpp
2 // Dave'sBurgerShop
3 // Created by David Lamb on 9/13/20.
4 // Copyright © 2020 David Lamb. All rights reserved.
5 // This program is a menu program used to practice stubbing
6
7 #include <iostream>
8
9 //This ConstPrices.h file holds all the const prices for the products
10 #include "ConstPrices.h"
11 using namespace std;
12
13 //function for menu
14 void menu(int &burger, int &fry, int &iceCream, int &slush, int &breakFastBur, int &chickSwich, int &buzzLightYear);
15 void buyBurger(int &burger);
16 void buyFry(int &fry);
17 void buyIceCream(int &iceCream);
18 void buySlush(int &slush);
19 void breakFastBur(int &breakFastBur);
20 void swichesCh(int &chickSwich);
21 void toy(int &buzzLightYear);
```

```
2. Frys
3. Deserts
4. Slushies
5. Breakfast
6. Chicken Swich
7. Toy (Buzz light Year)
8. Get Total
9. readBackOrder
10. EXIT

x
Enter invalid
Make another selection between 1-10 to place your order
2

This is a function that orders a fry but it is incomplete.

Make a selection 1-10 to place your order
1. Burgers
2. Frys
3. Deserts
4. Slushies
5. Breakfast
6. Chicken Swich
7. Toy (Buzz light Year)
8. Get Total
9. readBackOrder
10. EXIT
```

This is me entering the incorrect input 56 and the program gives me a proper response to “invalid input please try again.” And displays menu again.

```
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6
7 #include <iostream>
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9 //This ConstPrices.h file holds all the const prices for the products
10 #include "ConstPrices.h"
11 using namespace std;
12
13 //function for menu
14 void menu(int &burger, int &fry, int &iceCream, int &slush, int &breakFastBur, int &chickSwich, int &buzzLightYear);
15 void buyBurger(int &burger);
16 void buyFry(int &fry);
17 void buyIceCream(int &iceCream);
18 void buySlush(int &slush);
19 void breakFastBur(int &breakFastBur);
20 void swichesCh(int &chickSwich);
21 void toy(int &buzzLightYear);
```

```
This is a function that orders a fry but it is incomplete.

Make a selection 1-10 to place your order
1. Burgers
2. Frys
3. Deserts
4. Slushies
5. Breakfast
6. Chicken Swich
7. Toy (Buzz light Year)
8. Get Total
9. readBackOrder
10. EXIT

56
invalid input please try again.

Make a selection 1-10 to place your order
1. Burgers
2. Frys
3. Deserts
4. Slushies
5. Breakfast
6. Chicken Swich
7. Toy (Buzz light Year)
8. Get Total
9. readBackOrder
10. EXIT
```

This is me showing that the program ends when Exit is selected by entering 10.

```
1 //  
2 // main.cpp  
3 // Dave'sBurgerShop  
4 //  
5 // Created by David Lamb on 9/13/20.  
6 // Copyright © 2020 David Lamb. All rights reserved.  
7 // This program is a menu program used to practice stubbing  
8  
9 #include <iostream>  
10  
11 //This ConstPrices.h file holds all the const prices for the products  
12 #include "ConstPrices.h"  
13 using namespace std;  
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15 //function for menu  
16 void menu(int &burger, int &fry, int &iceCream, int &slush, int &breakFastBur, int &chickSwich, int &buzzLightYear);  
17 void buyBurger(int &burger);  
18 void buyFry(int &fry);  
19 void buyIceCream(int &iceCream);  
20 void buySlush(int &slush);  
21 void breakFastBur(int &breakFastBur);  
22 void swichSwich(int &chickSwich);  
23 void toy(int &buzzLightYear);  
  
Make a selection 1-10 to place your order  
1. Burgers  
2. Frys  
3. Deserts  
4. Slushies  
5. Breakfast  
6. Chicken Swich  
7. Toy (Buzz Light Year)  
8. Get Total  
9. readBackOrder  
10. EXIT  
  
56  
invalid input please try again.  
  
Make a selection 1-10 to place your order  
1. Burgers  
2. Frys  
3. Deserts  
4. Slushies  
5. Breakfast  
6. Chicken Swich  
7. Toy (Buzz Light Year)  
8. Get Total  
9. readBackOrder  
10. EXIT  
  
10  
Program ended  
Program ended with exit code: 0
```

Problems I had with the program.

I first couldn't figure out if I should be using a GUI for this assignment, but I don't know how to do that in C++ maybe Qt I think but I never used it. I could have used java and used a jFrame but I am not very good at java yet. In addition I could have used Visual Basic. These all seem like fun projects but I am so used to using console. I also could make the menu show continually.