CS 201

Spring 2022

Program Assignment 1: **2/6/2022**

**All work submitted must be your own.**

Assignment: Upload your project to Canvas no later than **Sunday night, February 6 by 11:59PM**.

**Part 1 - Writing a program.**

The first program of the semester is very simple. We're keeping the problem simple so you can focus on learning the mechanics of writing a program using branching and iterations, saving your program file, etc., and not have to spend much time on the problem-solving part.

You’ve been asked to write C++ program for KC Cookies Store. The store has 3 pack of Cookie sets that they sell, you will need to ask the user to place an order and output receipt with the user order and total amount.

**KC Cookies**

|  |  |
| --- | --- |
| 4 Pack Cookies | $13.20 |
| 6 Pack Cookies | $19.49 |
| Party Pack Cookies  “12” | $34.08 |

**Requirements:**

1. Display store menu on the screen.
2. Ask user to choose one of the Cookie packs, also ask about the quantity needed from the pack set.
3. Check if user wants to add more Cookie packs
   1. You will need to iterate if the user is adding more orders.
   2. Display menu to user every time they want to add more Cookies.
4. Display the receipt for the user with the total amount due.

**Output Sample:**

Welcome to KC Cookies

We offer 3 different packs of Cookies

4 Pack Box $13.20

6 Pack Box $19.49

Party Box '12' $34.08

What would you like to order today

1 ==> 4-Pack Cookies

2 ==> 6-Pack Cookies

3 ==> Party Box(12-Pack Cookies)

Please enter '1 or 2 or 3' to proceed:

1

How many packs do you want?

2

You ordered: 2 4-Pack Cookies

Do you want to add anything else?Y/y or N/n

Y

What would you like to order today

1 ==> 4-Pack Cookies

2 ==> 6-Pack Cookies

3 ==> Party Box(12-Pack Cookies)

Please enter '1 or 2 or 3' to proceed:

3

How many packs do you want?

1

You ordered: 1 Party Pack Cookies

Do you want to add anything else?Y/y or N/n

n

Total of your order is $ 60.48

**Deliverables**

* Upload your **Whole project** by February 6 before 11:59PM. Don’t lose points for silly mistakes. Make sure you comment the top of your program with your name, class section and program #, as well as the creation date and the date due.