# CIS18A Course Project Part 1: Documentation and Program

## Program Documentation and Pseudocode

1. The Office
2. Create a pseudocode for the program.

Create folder to hold main menu in – this will be the package

Create main menu and include package (name of folder).   
Show Menu on console for user:

System out – print menu

Create userChoice

Show menu while choice remains invalid (Do While)

Grab user choice from keyboard

Checking user choice is valid:

match choice with each switch case

Switch menu – case 1, case 2

1. I am client
2. I am clerk

Get user input, error check out of bounds

If choice one (on switch) do this

If choice two (on switch) do something else

Switch Choice 1:

Create new order

(class)

Variables for packages (3 variables – package1, package2, package3)

Constructor for 3 variables to initialize them

Methods for calculating total (package1\* price) + (package2\* price) + (package3\* price)and return total to console.

Ask user for input on how many of each package they would like to purchase(this is a string out to the console)

Gather information and put into variables.

Put order into an array

Switch Choice 2:

Create an array with the number of orders and display on console for clerk to see.

1. Create a short documentation describing the program purpose, function, and objectives. Minimum a page is required.

* Who is it for?  
  THE OFFICE company is for any person, business, teacher, parent who would like to purchase supplies in packs. There
* What is its purpose?

The purpose of this company is to offer excellent customer service to those who are looking to purchase supplies without the hassle of leaving their home, office, or place of business. THE OFFICE hopes to create long term customers and expand business.

* What is its business function?  
  Business function is to offer excellent customer service while making distributions out to clients. THE OFFICE hopes to offer quality products and standard selections on modern day office supplies that are timeless to all.
* What is its technical function?  
  The technical function of The Office is for clients to be able to order from home or office their supply needs. It is functional and essential during times like covid-19 because The Office offers easy online ordering and fast shipping. It’s technical functions also include book-keeping of clients orders.

1. Select a business type.

Office supply retailer (program for customers, clerks, or staff operation).