Main goal: To implement a Program that will allow users to purchase and set delivery date as well as a desired time.

**Dictionary**: Product list, Display prices and array of

**Print**: Product list

**User Selection**: Have the ability to select different items or just a single item, only if ‘Y’ is imputed.

**WHILE** choice is ‘Y’

User Select from the list of products.

**IF** selected product is within the list

Choice listed and noted

**Else**

Display Error message

Select again, note and list selection

Ask for the **users** choice of purchasing more

**Trial and Error**

**Collection of Information:** Ask for the Users Personal Information

**Try**

Collect first name, last name, street address, zip code and telephone number

**Test**

Test users input to verify the variables correlate with the correct values. I.E. #’s with #’s

**Except**

Raise awareness of Error variable not correlating with the specific input. I.E # with Alpha

**Shipping Information**: Have User select preferred shipping date within the selection

**Input:** User selects shipping year, month and date.

**While** year doesn’t equal 2022 or 2023

Invalid, select current year or next available year

**While** month is selected outside of the calendar year

Invalid, select available month for shipping

**While** selected time frame is before 02,2022 and after 3,2023

Invalid, select available date with timeslot for shipping

**While** date doesn’t equal monthly calendar

Invalid, pick another available date for shipping

**Time of Delivery:** Collect time of delivery information

**Display**: List all available times for delivery

**While** hourdoesn’t equal time frame of availability

Invalid, select an available hour slot

**While** minute doesn’t equal time frame of availability

Invalid, select an available minute slot

**Supporting File**

**Function:** Calculating the cost of shipping, taxes and grand total

**For** choice selection

Calculate subtotal, shipping, taxes and grand total based on selection

Print subtotal, shipping, taxes and grand total

**Function:** Write Information on selected file

**For** choice selection and calculated information

Write information on the selected file to display the proper information

**Function:** Intake users’ personal information

Open selected file and implement information on the selected file

**Function:** Verify delivery date variables and value

**If** date, month, and year is validated

Print selected information

**Else**

Print validated information correctly

**Function:** Verify time of delivery; hour and minute

**If** hour slot and minute slot is validated

Print selected information

**Else**

Print validated information correctly

**Function:** Intake users’ delivery information and specified time

Open selected file and implement information on the selected file