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CIS30A

Course Project Pseudocode

**START**

**PRINT** Store greeting and request user input delivery date

**IMPORT** Calendar module for date selection

**IMPORT** Tkinter for DateEntry selection

**SET** Selected date as variable Delivery\_Date

**INPUT** User selects a delivery date via DateEntry

**IMPORT** Receipt module for receipt creation and storage

**OPEN** Receipt text file to write date into for storage

**GET**  Delivery\_Date from Calendar module

**SET** Baseline tax calculation rate (0.0775)

**SET** Subtotal value (x)

**PRINT** “Subtotal is:”, subtotal (x)

**PRINT** “Shipping is:”, calculated shipping rate (x\*0.05)

**SET** Tax total calculation value (y)

**PRINT** “Tax is:”, calculated tax total (y\*0.0775)

**SET** Total cost calculation value (z)

**PRINT** “Total is:”, calculated total cost (subtotal + shipping + tax)

**PRINT** Delivery\_Date variable as delivery date

**SET** Receipt formatting

**CLOSE** Receipt text file

**SET** Dictionary for products available (blanket, stuffed bear, hat, shawl)

**PRINT** Prompt user to select from the above items

**FOR** Statement that provides numbered items for selection

**SET** Selection variables (Y for yes, N for no)

**WHILE** Statement for while selections are being made by user

**PRINT** Prompt to begin selecting items

**IF** Selection exists within dictionary:

**SET** Add selection to order

**ELSE** Selection does not exist within dictionary:

**PRINT** “Invalid choice”, prompt to try again

**PRINT** Prompt to continue selecting items

**WRITE** Receipt with selected items, costs, and delivery date to customer receipt text file

**PRINT** Request for additional information about order (size, color, contact information)

**PRINT** “Thank you for your order!”

**FINISH**