

## CSD 1133 – 2023S

Student ID :

Student Name :

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Design a **Flowchart and Pseducode** for the following Problems

Late Assignments will not be accepted or marked !

You can use dia /draw.io for creating flowcharts.

### 1. Point of Sale

Design a program that will ask the user to enter the unit price and quantity of a purchase. The program should then compute the amount, HST (harmonized Sales Tax), and total amount of the purchase. Assume the HST is 13%. The program should display the amount of the purchase, the HST, the total sales amount (which is the sum of the amount of purchase plus the HST).

Then the user input the payment amount then the system calculates and displays the change.