Assignment 1

1- WAP to accept a sentence and an alphabet from the user. Find out and show the index of second and fourth occurrences of that letter inside the sentence.

Sample output:
Enter a sentence:
i am tall, i am fat, i am funny, i am always around, i am waiting for you.
Enter an alphabet:
m

Result:
    Second occurrence of letter m -> index number 14
    Fourth occurrence of letter m -> index number 36

2- WAP to accept the total price paid for buying a cell phone and then find out the taxes paid and the original price as under.
   - Assumption: provincial tax is 10%, and federal tax 5%

Sample output:
Enter the total amount paid:
575

                Your bill

Original/Selling price: CA$ 500.0
Amount paid for provincial tax: CA$ 50.0
Amount paid for federal tax: CA$ 25.0

        Original/Selling price: CA$ 575.0

3- WAP to accept a sentence and an alphabet from the user. Show the sentence as such the inputted letter's first and last occurrences inside it are deleted.

Sample output:
Enter a sentence:
i am tall; i am fat; i am fun; i am waiting to meet you.
Enter an alphabet:
m

Sentence after changes -> i a tall; i am fat; i am fun; i am waiting to eet you.

Note: follow the proper coding formats i.e. commenting, indenting, naming, etc.