National University of Computer and Emerging Sciences

Lab Quiz 1

for

Programming Fundamentals

(CL 1002)

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Amjad reached Emporium with his family. They are all excited since he successfully passed his test for BSCS admission and now, they are here to celebrate. All the family members are interested in watching the movie while having popcorn. You must ask Amjad the number of people with him. Emporium Cinema is offering different type of tickets for the film: [Student (S) 250, Normal (N) 400, and Executive (E) 750]. Any choice other than mentioned is considered as invalid input. Ask them what ticket choice will they prefer. Before the start of the film, all the family members decide to have popcorn also. Popcorn stall is offering three different flavors. [Simple (S) 100, Tacos (T) 150, and Caramel (C) 200]. Any choice other than mentioned is considered as invalid input. Ask them what popcorn choice will they prefer. Calculate and print the amount used for the film and popcorn separately and the total expense at the end. Your solution should show proper menu-based system.

Example:

```
Enter the number of family members with you=1
Total members are 2 including you
**********Welcome to emporium cinema***********
Select from the following menu for ticket of each member including you
Press S for Student ticket price 250
Press N for Normal ticket price 400
Press E for Executive ticket price 750
Enter your option
S
Press S for Student ticket price 250
Press N for Normal ticket price 400
Press E for Executive ticket price 750
Enter your option
N


@@@@@@@@@@Welcome to the popcorn shop@@@@@@@@@@@
Select from the following menu for popcorn for each member including you
Press S for Simple price 100
Press T for Tacos price 150
Press C for Caramel price 200
Enter your option
T
Press S for Simple price 100
Press T for Tacos price 150
Press C for Caramel price 200
Enter your option
C
Amount used for film=650
Amount used for popcorn=350
Total Expense=1000
```