**PS9P5 – IPO**

Allow the user to enter student last name, credit hours and district code, use ctl+z to stop. Use a function to compute tuition owed. Charge In district (code of I) $250 per credit hour. Out of district (code of O) is $550 per credit hour. The function should receive credit hours and district code and return tuition owed. Display student name and tuition owed. Sum and display total of all tuition owed.

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| **INPUT** | **PROCESSING** | **OUTPUT** |
|  | FunctionTuition(DistrictCode, Credits)  if DistrictCode = “I”:  TuitionRate = 250.00  elif DistrictCode = “O”:  TuitionRate = 550.00  TuitionOwed = TuitionRate \* Credits  Return TuitionOwed |  |
| LastName  Credits  DistrictCode |  |  |
|  | Main  SumOfAllTuitions = 0.00  Would you like to calculate the amount of tuition owed? (Yes or No)  While Response == “Yes”  Input LastName, Credits, DistrictCode  TuitionOwed = FunctionTuition(DistrictCode, Credits)  SumOfAllTuitions = SumOfAllTuitions + TuitionOwed  **Display:** *LastName, TuitionOwed*    Would you like to calculate another student’s tuition owed? (Yes or No) | LastName  TuitionOwed |
|  | **Display:** *SumOfAllTuitions* | SumOfAllTuitions |