**PS10P1 – IPO**

Prompt the user to repeatedly to do the program( input (Yes or No)). If they respond Yes, go into the loop and prompt them for last name, month and sales. Write a function to compute next month’s forecast. Pass to the function month and sales. Determine the forecast percent (see below) and compute next month’s sales to be sales x (1+forecast percent). Return next month’s sales and display the value.

Month Forecast Percent

Jan, Feb, Mar 0.10

Apr, May, Jun 0.15

Jul, Aug, Sep 0.20

Oct, Nov, Dec 0.25

|  |  |  |
| --- | --- | --- |
| **INPUT** | **PROCESSING** | **OUTPUT** |
|  | FunctionForecast(Month, Sales)  if Month == “JAN”, “FEB”, “MAR”:  ForecastPercent = 0.10  elif Month == “APR”, “MAY”, “JUN”:  ForecastPercent = 0.15  elif Month == “JUL”, “AUG”, “SEPT”  ForecastPercent = 0.20  elif Month == “OCT”, “NOV”, “DEC”  ForecastPercent = 0.25  FutureSales = Sales \* (1 + ForecastPercent)  Return FutureSales |  |
| LastName  Month  Sales |  |  |
|  | Main  Would you like to forecast the following month’s sales? (Yes or No)  While Response == “Yes”:  Input LastName, Month, Sales  FutureSales = FunctionForecast(Month, Sales)  **Display:** *FutureSales*  Would you like to forecast another month’s sales? (Yes or No) | FutureSales |