**PS9P3 – IPO**

Enter the destination city, miles travelled and gallons used for a trip, use ctl+z to stop. Use a function to compute miles per gallon. Pass miles travelled and gallons used to the function. The function should return miles per gallon. Count the number of entries made (number of trips) Display destination city, miles and mpg. At end display the number of entries made.

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| **INPUT** | **PROCESSING** | **OUTPUT** |
|  | FunctionMPG(Miles, Gallons)  MilesPerGallon = Miles / Gallons  Return MilesPerGallon |  |
| City  Miles  Gallons |  |  |
|  | Main  Entries = 0  Would you like to calculate miles per gallon? (Yes or No)  While Response == “Yes”  Input City, Miles, Gallons  MilesPerGallon = FunctionMPG(Miles, Gallons)  **Display:** *City, Miles, MilesPerGallon*  Entries = Entries + 1  Would you like to calculate another trip’s MPG? (Yes or No) | City  Miles  MilesPerGallon |
|  | **Display:** *Entries* | Entries |