#1

|  |  |  |
| --- | --- | --- |
| Input | Process | Outputs |
| Arguments:  Qty, unitprice  Qty, price from user | Function:  Compute the extended price, quantity times unit price.  Read user input and compute extended price | Return: Extended price  Qty,price, Extprice for each item  totalExtPrice for all items |

#2

|  |  |  |
| --- | --- | --- |
| Input | Process | Outputs |
| 1. Players Last Name 2. Number of Hits 3. Number of At Bats 4. Continues Data Entry Decision 5. Hits and At Bats 6. Player Count 7. Display for each player 8. Final display | Compute Batting Average hits  Initialize a counter | The calculated batting average  A running total of the number of players entered |

#3

|  |  |  |
| --- | --- | --- |
| Input | Process | Outputs |
| Destination city  Miles traveled  Gallons used | Function call: Pass miles and gallons to a function compute MPG(miles, gallons).  Counting Entries Initialize counter | Returned miles per-gallon value  Running count of trips entered |
|  |  |  |

#4

|  |  |  |
| --- | --- | --- |
| Input | Process | Outputs |
| Destination city  Miles traveled  Gallons used | Function Call:  computeMPG  Counting Entries: Initialize a counter | Returned miles-per-gallon value  Running count of trips entered. |

#5

|  |  |  |
| --- | --- | --- |
| Input | Process | Outputs |
| Student Last Name  Credit Hours  District Code | Function Compute tuition owned  computeTuition(creditHours, districtCode  AccumulateTotals: Initializw a running total | Tuition owned  The program keeps a running total |