|  |  |  |
| --- | --- | --- |
| Input | Processing | Output |
| CustFirstName  CustLastName  PhoneNum  Street  City  Prov  PostCode  PlateNum  CarMake  CarModel  Year  SellPrice  AmtTradeIn  SalePerName | **# Constants**  HST\_RATE = 0.15  TRANSFER\_FEE\_RATE = 0.01  LUXURY\_TAX\_RATE = 0.016  FIN\_RATE = 39.99  **# Calculations**  PriceAfterTrade = SellPrice – AmtTradeIn  if SellPrice <= 5000:  LicenceFee = 75.00  else:  LicenceFee = 165.00  if SellPrice > 20000:  LuxuryTax = SellPrice \* LUXURY\_TAX\_RATE  else:  LuxuryTax = 0  TransferFee = (SellPrice \* TRANSFER\_FEE\_RATE)  + LuxuryTax  SubTotal = PriceAfterTrade + LicenceFee + TransferFee  HST = SubTotal \* HST\_RATE  TotSalesPrice = SubTotal + HST | CustFirstName  CustLastName  Street  City  Prov  PostCode  Year  CarMake  CarModel  InvDate  Receipt  SellPrice  AmtTradeIn  PriceAfterTrade  LicenceFee  TransferFee  SubTotal  HST  TotSalesPrice |