More Selection Control Structures

1. Process Customer Record

Pseudo Code:

1. Declare constants to hold sales, federal & state sales and special sales tax percentages
2. Declare a variable to hold purchase amount
3. Determine whether customer is tax exempt;
4. **IF** TaxExempt = true

**THEN**

          Return purchase amount

**ELSE**

          Return (purchase price + (purchase price \* sales tax )+ (purchase price \* federal & state sales tax) + (purchase price \*special tax)

**ENDIF**

IPO diagram

|  |  |  |
| --- | --- | --- |
| Input | Processing | Output |
| Purchase price  Tax exemption true or false  Sales tax  Fed & state tax  Special tax | If not tax exempt,  return (purchase price + (purchase price \* sales tax )+ (purchase price \* federal & state sales tax) + (purchase price \*special tax)  Else if tax exempt  Return purchase price | Customer owed amount |