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TATA CONSULTANCY SERVICES

vILP – Level 2

Content Manual

Version 1.1

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(ILP Guwahati)

Problem Statement

Government of India wants to calculate tax of given item. That items are from various departments like Manufacturing, Food, and Retail etc.

The product list is maintained in a file as below. Each field is separated by tilde(~) character.

Sr_No~Commodity_Code~Commodity_Name~Rate_of_Tax~Tax_Effective_Date
1~1080~FRESH FRUIT~0~1/9/2005
2~1110~OPIUM~20~1/9/2005
4~1182~VARYALI(ENISEEDS)~4~1/9/2005
5~1183~JEERU(CUMMINS SEEDS)~4~1/9/2005
6~1184~KHAS KHAS (RED POPPY SEEDS)~4~1/9/2005

From the file we need to get following data.

1. A list of the items with following details.
   Sr_No~Commodity_Code~Commodity_Name
1. A list of the items with following details.
   Commodity_Code~ Rate_of_Tax~Tax_Effective_Date
2. A list of the items with following details.
   Sr_No~Commodity_Code~Commodity_Name , in case of Commodity_Name, only first three caractes needs to be displayed. For example as follows:
   Sr_No~Commodity_Code~Commodity_Name
   1~1080~FRE
   2~1110~OPI
3. The price for each item is stored in another file as:
   Sr_No~Commodity_Code~Unit_Price
   1~1080~300
   2~1110~20000
   4~1182~400
   5~1183~300
   6~1184~1000
   We have to store the data as
   Sr_No~Commodity_Code~Rate_of_Tax~Unit_Price in a new file.

4. There are two files having three fields. We have to create a third file by putting the first field of the first file and the first two fields from the second file.