

```
REPORT ZYP_SPEC_1.
```

```
" CREATING INTERNAL TABLE FILEDS.
```

```
" TRANSACTION AMOUNT DETAILS. ITEM TABLE 1
```

```
TYPES: BEGIN OF TY_ITEM_TAB,
```

```
  CC_NUM  TYPE N LENGTH 16,
```

```
  TRAN_ID TYPE I,
```

```
  T_DATE  TYPE C LENGTH 10,
```

```
  VENDOR  TYPE C LENGTH 20,
```

```
  PRODUCT TYPE C LENGTH 20,
```

```
  T_AMT   TYPE P DECIMALS 2,
```

```
END OF TY_ITEM_TAB.
```

```
" CUSTOMER INFORMATION. HEADER TABLE
```

```
TYPES: BEGIN OF TY_HEADER,
```

```
  CC_NUM      TYPE C LENGTH 19,
```

```
  CC_TYPE     TYPE C LENGTH 10,
```

```
  CC_NAME     TYPE C LENGTH 15,
```

```
  CUS_ADDRESS TYPE C LENGTH 25,
```

```
  EMAIL       TYPE C LENGTH 25,
```

```
END OF TY_HEADER.
```

```
" CASHBACK OF PRODUCT . ITEM TABLE 2
```

```
TYPES: BEGIN OF TY_ITEM_TAB_2,
```

```
  CC_TYPE TYPE C LENGTH 10,
```

```
  VENDOR  TYPE C LENGTH 20,
```

```
  PRODUCT TYPE C LENGTH 20,
```

```
  CB_OFF  TYPE P DECIMALS 1,
```

```
END OF TY_ITEM_TAB_2.
```

*" MERGE ALL THE FIELDS IN ONE TABLE. FINAL TABLE ( CUSTOMER TRANSACTION TABLE).*

```
TYPES: BEGIN OF TY_FINAL,  
  CC_NUM      TYPE C LENGTH 16,  
  TRAN_ID     TYPE I,  
  T_DATE      TYPE C LENGTH 10,  
  VENDOR      TYPE C LENGTH 20,  
  PRODUCT     TYPE C LENGTH 20,  
  T_AMT       TYPE P DECIMALS 2,  
  CC_TYPE     TYPE C LENGTH 10,  
  CC_NAME     TYPE C LENGTH 15,  
  CUS_ADDRESS TYPE C LENGTH 25,  
  EMAIL       TYPE C LENGTH 25,  
  CB_OFF      TYPE P DECIMALS 1,  
  NET_AMT     TYPE P DECIMALS 2,  
END OF TY_FINAL.
```

*"MERGE ALL THE FIELDS IN ONE TABLE. FINAL TABLE\_2 ( VENDOR WISE ABSTRACT).*

```
TYPES: BEGIN OF TY_FINAL_2,  
  VENDOR TYPE C LENGTH 20,  
  T_AMT  TYPE P DECIMALS 2,  
  CB_OFF TYPE P DECIMALS 1,  
  CC_TYPE TYPE C LENGTH 10,  
END OF TY_FINAL_2.
```

*"DATA DECLARATION PART IN WORKAREA AND INTERNAL TABLE.*

```
DATA: LT_ITEM_TAB TYPE STANDARD TABLE OF TY_ITEM_TAB,  
      LS_ITEM_TAB TYPE TY_ITEM_TAB.  
DATA: LT_HEADER TYPE STANDARD TABLE OF TY_HEADER,  
      LS_HEADER TYPE TY_HEADER.  
DATA: LT_ITEM_TAB_2 TYPE STANDARD TABLE OF TY_ITEM_TAB_2,  
      LS_ITEM_TAB_2 TYPE TY_ITEM_TAB_2.
```

```
DATA: LT_FINAL TYPE STANDARD TABLE OF TY_FINAL,  
      LS_FINAL TYPE TY_FINAL.  
DATA: LT_FINAL_2 TYPE STANDARD TABLE OF TY_FINAL_2,  
      LS_FINAL_2 TYPE TY_FINAL_2.
```

*"DATA DECLARATION PART IN LOCAL VARIABLES."*

```
DATA: LV_TOTAL_AMOUNT TYPE P DECIMALS 2,  
      LV_TOTAL_INTREST TYPE P DECIMALS 2,  
      LV_NET_AMOUNT2 TYPE P DECIMALS 2,  
      LV_NO_PURCHASE TYPE I,  
      LV_NET_AMOUNT TYPE P DECIMALS 2.
```

*"TRANSACTION AMOUNT DETAILS\_ITEM TABLE 1"*

```
LS_ITEM_TAB-CC_NUM = '5081594412341000'.  
LS_ITEM_TAB-TRAN_ID = '1'.  
LS_ITEM_TAB-T_DATE = '09.05.2013'.  
LS_ITEM_TAB-VENDOR = 'FOOD WORLD'.  
LS_ITEM_TAB-PRODUCT = 'GROCERY'.  
LS_ITEM_TAB-T_AMT = '1200'.  
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.  
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM = '5081594412341000'.  
LS_ITEM_TAB-TRAN_ID = '2'.  
LS_ITEM_TAB-T_DATE = '09.05.2013'.  
LS_ITEM_TAB-VENDOR = 'IOCL'.  
LS_ITEM_TAB-PRODUCT = 'PETROL'.  
LS_ITEM_TAB-T_AMT = '1500'.  
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.  
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341001'.
LS_ITEM_TAB-TRAN_ID  = '3'.
LS_ITEM_TAB-T_DATE   = '03.05.2013'.
LS_ITEM_TAB-VENDOR   = 'NILGRIES'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT    = '400'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341001'.
LS_ITEM_TAB-TRAN_ID  = '4'.
LS_ITEM_TAB-T_DATE   = '03.05.2013'.
LS_ITEM_TAB-VENDOR   = 'IOCL'.
LS_ITEM_TAB-PRODUCT  = 'PETROL'.
LS_ITEM_TAB-T_AMT    = '2000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341000'.
LS_ITEM_TAB-TRAN_ID  = '5'.
LS_ITEM_TAB-T_DATE   = '03.05.2013'.
LS_ITEM_TAB-VENDOR   = 'RELIANCE'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT    = '2000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341000'.
LS_ITEM_TAB-TRAN_ID  = '19'.
LS_ITEM_TAB-T_DATE   = '09.06.2013'.
LS_ITEM_TAB-VENDOR   = 'HUTCH SHOP'.
LS_ITEM_TAB-PRODUCT  = 'POSTPAID'.
LS_ITEM_TAB-T_AMT    = '1500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341005'.
LS_ITEM_TAB-TRAN_ID  = '6'.
LS_ITEM_TAB-T_DATE   = '04.05.2013'.
LS_ITEM_TAB-VENDOR   = 'HUTCH SHOP'.
LS_ITEM_TAB-PRODUCT  = 'POST PAID'.
LS_ITEM_TAB-T_AMT    = '2000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341005'.
LS_ITEM_TAB-TRAN_ID  = '7'.
LS_ITEM_TAB-T_DATE   = '04.05.2013'.
LS_ITEM_TAB-VENDOR   = 'SHOPPERS STOP'.
LS_ITEM_TAB-PRODUCT  = 'FABRICS'.
LS_ITEM_TAB-T_AMT    = '2500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341010'.
LS_ITEM_TAB-TRAN_ID  = '8'.
LS_ITEM_TAB-T_DATE   = '05.05.2013'.
LS_ITEM_TAB-VENDOR   = 'NILGRIES'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT    = '5000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341005'.
LS_ITEM_TAB-TRAN_ID  = '9'.
LS_ITEM_TAB-T_DATE   = '05.05.2013'.
LS_ITEM_TAB-VENDOR   = 'FOOD WORLD'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT    = '9000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341001'.
LS_ITEM_TAB-TRAN_ID  = '10'.
LS_ITEM_TAB-T_DATE   = '05.05.2013'.
LS_ITEM_TAB-VENDOR   = 'BPCL'.
LS_ITEM_TAB-PRODUCT  = 'ENGINE OIL'.
LS_ITEM_TAB-T_AMT    = '1750'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341009'.
LS_ITEM_TAB-TRAN_ID  = '11'.
LS_ITEM_TAB-T_DATE   = '06.05.2013'.
LS_ITEM_TAB-VENDOR   = 'IOCL'.
LS_ITEM_TAB-PRODUCT  = 'PETROL'.
LS_ITEM_TAB-T_AMT     = '3000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341007'.
LS_ITEM_TAB-TRAN_ID  = '12'.
LS_ITEM_TAB-T_DATE   = '06.05.2013'.
LS_ITEM_TAB-VENDOR   = 'RELIANCE'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT     = '1500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341009'.
LS_ITEM_TAB-TRAN_ID  = '13'.
LS_ITEM_TAB-T_DATE   = '10.05.2013'.
LS_ITEM_TAB-VENDOR   = 'NILGRIES'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT     = '500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341007'.
LS_ITEM_TAB-TRAN_ID  = '14'.
LS_ITEM_TAB-T_DATE   = '07.05.2013'.
LS_ITEM_TAB-VENDOR   = 'HUTCH SHOP'.
LS_ITEM_TAB-PRODUCT  = 'POSTPAID'.
LS_ITEM_TAB-T_AMT    = '2500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341003'.
LS_ITEM_TAB-TRAN_ID  = '15'.
LS_ITEM_TAB-T_DATE   = '14.05.2013'.
LS_ITEM_TAB-VENDOR   = 'SHOPPERS STOP'.
LS_ITEM_TAB-PRODUCT  = 'FABRICS'.
LS_ITEM_TAB-T_AMT    = '4000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341003'.
LS_ITEM_TAB-TRAN_ID  = '16'.
LS_ITEM_TAB-T_DATE   = '14.05.2013'.
LS_ITEM_TAB-VENDOR   = 'IOCL'.
LS_ITEM_TAB-PRODUCT  = 'PETROL'.
LS_ITEM_TAB-T_AMT    = '1000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```



```
LS_ITEM_TAB-CC_NUM   = '5081594412341005'.
LS_ITEM_TAB-TRAN_ID  = '17'.
LS_ITEM_TAB-T_DATE   = '16.05.2013'.
LS_ITEM_TAB-VENDOR   = 'IOCL'.
LS_ITEM_TAB-PRODUCT  = 'PETROL'.
LS_ITEM_TAB-T_AMT    = '3500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341010'.
LS_ITEM_TAB-TRAN_ID  = '18'.
LS_ITEM_TAB-T_DATE   = '20.05.2013'.
LS_ITEM_TAB-VENDOR   = 'RELIANCE'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT    = '5000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341001'.
LS_ITEM_TAB-TRAN_ID  = '20'.
LS_ITEM_TAB-T_DATE   = '02.06.2013'.
LS_ITEM_TAB-VENDOR   = 'SHOPPERS STOP'.
LS_ITEM_TAB-PRODUCT  = 'FABRICS'.
LS_ITEM_TAB-T_AMT    = '1400'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341001'.
LS_ITEM_TAB-TRAN_ID  = '21'.
LS_ITEM_TAB-T_DATE   = '03.06.2013'.
LS_ITEM_TAB-VENDOR   = 'NILGRIES'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT    = '2000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341009'.
LS_ITEM_TAB-TRAN_ID  = '22'.
LS_ITEM_TAB-T_DATE   = '06.06.2013'.
LS_ITEM_TAB-VENDOR   = 'BPCL'.
LS_ITEM_TAB-PRODUCT  = 'ENGINE OIL'.
LS_ITEM_TAB-T_AMT    = '1500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341007'.
LS_ITEM_TAB-TRAN_ID  = '23'.
LS_ITEM_TAB-T_DATE   = '06.06.2013'.
LS_ITEM_TAB-VENDOR   = 'IOCL'.
LS_ITEM_TAB-PRODUCT  = 'PETROL'.
LS_ITEM_TAB-T_AMT    = '1500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341009'.
LS_ITEM_TAB-TRAN_ID  = '24'.
LS_ITEM_TAB-T_DATE   = '10.06.2013'.
LS_ITEM_TAB-VENDOR   = 'RELIANCE'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT    = '1500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341007'.
LS_ITEM_TAB-TRAN_ID  = '25'.
LS_ITEM_TAB-T_DATE   = '07.06.2013'.
LS_ITEM_TAB-VENDOR   = 'HUTCH SHOP'.
LS_ITEM_TAB-PRODUCT  = 'POSTPAID'.
LS_ITEM_TAB-T_AMT    = '1500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341011'.
LS_ITEM_TAB-TRAN_ID  = '26'.
LS_ITEM_TAB-T_DATE   = '02.06.2013'.
LS_ITEM_TAB-VENDOR   = 'SHOPPERS STOP'.
LS_ITEM_TAB-PRODUCT  = 'FABRICS'.
LS_ITEM_TAB-T_AMT    = '2500'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

```
LS_ITEM_TAB-CC_NUM   = '5081594412341011'.
LS_ITEM_TAB-TRAN_ID  = '27'.
LS_ITEM_TAB-T_DATE   = '02.06.2013'.
LS_ITEM_TAB-VENDOR   = 'NILGRIES'.
LS_ITEM_TAB-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB-T_AMT    = '5000'.
APPEND LS_ITEM_TAB TO LT_ITEM_TAB.
CLEAR LS_ITEM_TAB.
```

*"CUSTOMER INFORMATION-HEADER TABLE*

```
LS_HEADER-CC_NUM      = '5081594412341000'.
LS_HEADER-CC_TYPE     = 'VISA'.
LS_HEADER-CC_NAME     = 'R.RAMESH'.
LS_HEADER-CUS_ADDRESS = 'ADYAR, CHENNAI'.
LS_HEADER-EMAIL       = 'RAMESH@YAHOO.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341001'.
LS_HEADER-CC_TYPE     = 'MASTER'.
LS_HEADER-CC_NAME     = 'S.SURESH'.
LS_HEADER-CUS_ADDRESS = 'ANNANAGAR, CHENNAI'.
LS_HEADER-EMAIL       = 'SURESH@YAHOO.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341002'.
LS_HEADER-CC_TYPE     = 'MASTER'.
LS_HEADER-CC_NAME     = 'A.KARTHIK'.
LS_HEADER-CUS_ADDRESS = 'MYLAPORE, CHENNAI'.
LS_HEADER-EMAIL       = 'KARTHIK@GMAIL.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341003'.
LS_HEADER-CC_TYPE     = 'VISA'.
LS_HEADER-CC_NAME     = 'L.RAMA'.
LS_HEADER-CUS_ADDRESS = 'ADYAR, CHENNAI'.
LS_HEADER-EMAIL       = 'RAMA@USA.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341004'.
LS_HEADER-CC_TYPE     = 'VISA'.
LS_HEADER-CC_NAME     = 'K.JOHN'.
LS_HEADER-CUS_ADDRESS = 'SAIDAPET, CHENNAI'.
LS_HEADER-EMAIL       = 'JOHN@YAHOO.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341005'.
LS_HEADER-CC_TYPE     = 'MASTER'.
LS_HEADER-CC_NAME     = 'M.JACK'.
LS_HEADER-CUS_ADDRESS = 'ANNANAGAR, CHENNAI'.
LS_HEADER-EMAIL       = 'JACK12@YAHOO.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341006'.
LS_HEADER-CC_TYPE     = 'MASTER'.
LS_HEADER-CC_NAME     = 'P.KHAN'.
LS_HEADER-CUS_ADDRESS = 'MULAPORE, CHENNAI'.
LS_HEADER-EMAIL       = 'KHAN@USA.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341007'.
LS_HEADER-CC_TYPE     = 'VISA'.
LS_HEADER-CC_NAME     = 'F.SMITH'.
LS_HEADER-CUS_ADDRESS = 'ADYAR, CHENNAI'.
LS_HEADER-EMAIL       = 'SMITH@YAHOO.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341008'.
LS_HEADER-CC_TYPE     = 'VISA'.
LS_HEADER-CC_NAME     = 'R.RAHUL'.
LS_HEADER-CUS_ADDRESS = 'SAIDAPET, CHENNAI'.
LS_HEADER-EMAIL       = 'RAHUL@GMAIL.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341009'.
LS_HEADER-CC_TYPE     = 'MASTER'.
LS_HEADER-CC_NAME     = 'P.RAJESH'.
LS_HEADER-CUS_ADDRESS = 'ANNANAGAR, CHENNAI'.
LS_HEADER-EMAIL       = 'RAJESH@YAHOO.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341010'.
LS_HEADER-CC_TYPE     = 'VISA'.
LS_HEADER-CC_NAME     = 'T.RAMESH'.
LS_HEADER-CUS_ADDRESS = 'TNAGAR, CHENNAI'.
LS_HEADER-EMAIL       = 'RAMESH@YAHOO.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

```
LS_HEADER-CC_NUM      = '5081594412341011'.
LS_HEADER-CC_TYPE     = 'MASTER'.
LS_HEADER-CC_NAME     = 'K.KARTHIK'.
LS_HEADER-CUS_ADDRESS = 'MYLAPORE, CHENNAI'.
LS_HEADER-EMAIL       = 'KARTHIK@GMAIL.COM'.
APPEND LS_HEADER TO LT_HEADER.
CLEAR LS_HEADER.
```

*" CASHBACK OF PRODUCT-ITEM TABLE 2*

```
LS_ITEM_TAB_2-CC_TYPE = 'VISA'.
LS_ITEM_TAB_2-VENDOR  = 'FOOD WORLD'.
LS_ITEM_TAB_2-PRODUCT = 'GROCERY'.
LS_ITEM_TAB_2-CB_OFF  = '4'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE = 'VISA'.
LS_ITEM_TAB_2-VENDOR  = 'IOCL'.
LS_ITEM_TAB_2-PRODUCT = 'PETROL'.
LS_ITEM_TAB_2-CB_OFF  = '4'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE   = 'VISA'.
LS_ITEM_TAB_2-VENDOR    = 'RELIANCE'.
LS_ITEM_TAB_2-PRODUCT   = 'GROCERY'.
LS_ITEM_TAB_2-CB_OFF    = '4'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE   = 'VISA'.
LS_ITEM_TAB_2-VENDOR    = 'HUTCH SHOP'.
LS_ITEM_TAB_2-PRODUCT   = 'POSTPAID'.
LS_ITEM_TAB_2-CB_OFF    = '3'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE   = 'VISA'.
LS_ITEM_TAB_2-VENDOR    = 'SHOPPERS S'.
LS_ITEM_TAB_2-PRODUCT   = 'FABRICS'.
LS_ITEM_TAB_2-CB_OFF    = '5'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE   = 'MASTER'.
LS_ITEM_TAB_2-VENDOR    = 'FOOD WORLD'.
LS_ITEM_TAB_2-PRODUCT   = 'GROCERY'.
LS_ITEM_TAB_2-CB_OFF    = '3'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```



```
LS_ITEM_TAB_2-CC_TYPE  = 'MASTER'.
LS_ITEM_TAB_2-VENDOR   = 'IOCL'.
LS_ITEM_TAB_2-PRODUCT  = 'PETROL'.
LS_ITEM_TAB_2-CB_OFF   = '2.50'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE  = 'MASTER'.
LS_ITEM_TAB_2-VENDOR   = 'RELIANCE'.
LS_ITEM_TAB_2-PRODUCT  = 'GROCERY '.
LS_ITEM_TAB_2-CB_OFF   = '3'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE  = 'MASTER'.
LS_ITEM_TAB_2-VENDOR   = 'HUTCH SHOP'.
LS_ITEM_TAB_2-PRODUCT  = 'POSTPAID'.
LS_ITEM_TAB_2-CB_OFF   = '2.75'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE  = 'MASTER'.
LS_ITEM_TAB_2-VENDOR   = 'SHOPPERS S'.
LS_ITEM_TAB_2-PRODUCT  = 'FABRICS'.
LS_ITEM_TAB_2-CB_OFF   = '4.50'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE  = 'MASTER'.
LS_ITEM_TAB_2-VENDOR   = 'BPCL'.
LS_ITEM_TAB_2-PRODUCT  = 'ENGINE OIL'.
LS_ITEM_TAB_2-CB_OFF   = '2'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE  = 'MASTER'.
LS_ITEM_TAB_2-VENDOR   = 'NILGRIES'.
LS_ITEM_TAB_2-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB_2-CB_OFF   = '2'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE  = 'VISA'.
LS_ITEM_TAB_2-VENDOR   = 'BPCL'.
LS_ITEM_TAB_2-PRODUCT  = 'ENGINE OIL'.
LS_ITEM_TAB_2-CB_OFF   = '3'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

```
LS_ITEM_TAB_2-CC_TYPE  = 'VISA'.
LS_ITEM_TAB_2-VENDOR   = 'NILGRIES'.
LS_ITEM_TAB_2-PRODUCT  = 'GROCERY'.
LS_ITEM_TAB_2-CB_OFF   = '4'.
APPEND LS_ITEM_TAB_2 TO LT_ITEM_TAB_2.
CLEAR LS_ITEM_TAB_2.
```

*"SORTING OF ALL FIELDS.*

```
SORT LT_ITEM_TAB BY CC_NUM ASCENDING.
SORT LT_HEADER BY CC_NUM ASCENDING.
SORT LT_ITEM_TAB_2 BY CC_TYPE ASCENDING.
```

*"PROCESSING BLOCK OF CUSTOMER TRANSACTION TABLE*

*"MERGING ALL FIELDS.*

LOOP AT LT\_ITEM\_TAB INTO LS\_ITEM\_TAB.

LS\_FINAL-CC\_NUM = LS\_ITEM\_TAB-CC\_NUM.

LS\_FINAL-VENDOR = LS\_ITEM\_TAB-VENDOR.

LS\_FINAL-PRODUCT = LS\_ITEM\_TAB-PRODUCT.

LS\_FINAL-TRAN\_ID = LS\_ITEM\_TAB-TRAN\_ID.

LS\_FINAL-T\_DATE = LS\_ITEM\_TAB-T\_DATE.

LS\_FINAL-T\_AMT = LS\_ITEM\_TAB-T\_AMT.

READ TABLE LT\_ITEM\_TAB\_2 INTO LS\_ITEM\_TAB\_2 WITH KEY VENDOR = LS\_ITEM\_TAB-VENDOR BINARY SEARCH.

IF SY-SUBRC EQ 0.

LS\_FINAL-CC\_TYPE = LS\_ITEM\_TAB\_2-CC\_TYPE.

LS\_FINAL-CB\_OFF = LS\_ITEM\_TAB\_2-CB\_OFF.

ENDIF.

READ TABLE LT\_HEADER INTO LS\_HEADER WITH KEY CC\_TYPE = LS\_ITEM\_TAB\_2-CC\_TYPE BINARY SEARCH.

IF SY-SUBRC EQ 0.

LS\_FINAL-CC\_NAME = LS\_HEADER-CC\_NAME.

LS\_FINAL-CUS\_ADDRESS = LS\_HEADER-CUS\_ADDRESS.

LS\_FINAL-EMAIL = LS\_HEADER-EMAIL.

ENDIF.

APPEND LS\_FINAL TO LT\_FINAL.

ENDLOOP.

IF LT\_FINAL IS INITIAL.

WRITE 'NO RECORD FOUND'.

ELSE.

```

LOOP AT LT_FINAL INTO LS_FINAL.

  AT NEW CC_NUM.

    READ TABLE LT_HEADER INTO LS_HEADER WITH KEY CC_NUM = LS_FINAL-CC_NUM.
    WRITE : / '|',2 SY-ULINE(159),
            / '|',75 'METRO BANK' COLOR 1,160'','',
            / '|',6 'CREDIT CARD NUMBER      :' INVERSE COLOR 7,LS_HEADER-
CC_NUM ,130 'BILL DATE :' INVERSE COLOR 7,SY-DATUM,160'','',
            / '|',6 'CUSTOMER NAME          :' INVERSE COLOR 7,LS_HEADER-CC_NAME,160'','',
            / '|',6 'ADDRESS                  :' INVERSE COLOR 7,LS_HEADER-CUS_ADDRESS,160'','',
            / '-----' ,
            / '|',160'','',10 SY-ULINE(146),160'','',
            / '|',10'','',13 'DATE' INVERSE COLOR 6,22 '|',35 'PURCHASE' INVERSE COLOR 6,56 '|',74 'AMOUNT' INVERSE
COLOR 6,95 '|',107 'CASH BACK ' INVERSE COLOR 6,130'','',140 'NET AMOUNT' INVERSE COLOR 6,155'','',160'','',
            / '|',160'','',10 SY-ULINE(146),160'','',
    ENDAT.

    READ TABLE LT_ITEM_TAB_2 INTO LS_ITEM_TAB_2 WITH KEY CC_TYPE = LS_HEADER-CC_TYPE
                                                    VENDOR   = LS_ITEM_TAB-VENDOR
                                                    PRODUCT  = LS_ITEM_TAB-PRODUCT.

    LS_FINAL-CB_OFF    = LS_FINAL-T_AMT * LS_FINAL-CB_OFF DIV 100.
    LV_NET_AMOUNT      = LS_FINAL-T_AMT - LS_FINAL-CB_OFF.
    LV_TOTAL_AMOUNT    = LV_TOTAL_AMOUNT + LV_NET_AMOUNT .
    LV_TOTAL_INTREST   = LV_TOTAL_AMOUNT / 100 * 2.
    LV_NET_AMOUNT2     = LV_TOTAL_AMOUNT + LV_TOTAL_INTREST.
    LV_NO_PURCHASE     = LV_NO_PURCHASE + 1.

    WRITE :/ '|',10'','',11 LS_FINAL-T_DATE,
            22 '|',34 LS_FINAL-VENDOR,

```

```

56 '|',65 LS_FINAL-T_AMT,
95 '|',97 LS_FINAL-CB_OFF,
130 '|',133 LV_NET_AMOUNT, 160'|',155'|',
/'|',10 SY-ULINE(146),160'|'.

```

```

AT END OF CC_NUM .

```

```

SUM.

```

```

WRITE : / '|',2 SY-ULINE(159),
/'|',20'NO.OF PURCHASE      :' INVERSE COLOR 7, LV_NO_PURCHASE,160'|',
/ '|',90 'TOTAL AMOUNT RS  :' INVERSE COLOR 7, LV_TOTAL_AMOUNT,160 '|',
/ '|', 90 'INTREST        RS :' INVERSE COLOR 7, LV_TOTAL_INTREST,160 '|',
/ '|', 90 'NET AMOUNT     RS :' INVERSE COLOR 7, LV_NET_AMOUNT2,160'|',
/ '|',
'|',2 SY-ULINE(159),
/'|', 10 'EMAIL ID :' INVERSE COLOR 7, LS_HEADER-EMAIL,160'|',
/'|', 2 SY-ULINE(159).

```

```

SKIP 3.

```

```

CLEAR: LV_TOTAL_AMOUNT, LV_TOTAL_INTREST, LV_NO_PURCHASE, LV_NET_AMOUNT2, LV_NET_AMOUNT.
ENDAT.

```

```

ENDLOOP.

```

```

WRITE: /, 75 'END OF STATEMENT' INVERSE COLOR 7.

```

```

SKIP 4.

```

```

ENDIF.

```

```

" PROCESSING BLOCK OF VENDOR WISE ABSTRACT.

```

```

SORT LT_ITEM_TAB BY VENDOR ASCENDING.

```

```

SORT LT_ITEM_TAB_2 BY VENDOR ASCENDING.

```

```

LOOP AT LT_ITEM_TAB INTO LS_ITEM_TAB.
  LS_FINAL_2-VENDOR      = LS_ITEM_TAB-VENDOR.
  LS_FINAL_2-T_AMT       = LS_ITEM_TAB-T_AMT.

  READ TABLE LT_ITEM_TAB_2 INTO LS_ITEM_TAB_2 WITH KEY VENDOR = LS_ITEM_TAB-VENDOR BINARY SEARCH.
  IF SY-SUBRC EQ 0.
    LS_FINAL_2-CB_OFF      = LS_ITEM_TAB_2-CB_OFF.
    LS_FINAL_2-CC_TYPE     = LS_ITEM_TAB_2-CC_TYPE.
  ENDIF.

  APPEND LS_FINAL_2 TO LT_FINAL_2.
ENDLOOP.

IF LT_FINAL_2 IS INITIAL.
  WRITE 'NO RECORD FOUND'.
ELSE.

  LOOP AT LT_FINAL_2 INTO LS_FINAL_2.

    AT FIRST.
      WRITE: /,35'VENDOR WISE ABSTRACT' COLOR 3.
      SKIP 2.
      WRITE: / 'VENDOR' COLOR 1, 27'TOTAL AMOUNT' COLOR 1,46'TOTAL CASHBACK' COLOR 1,64'NET AMOUNT TOTAL' COLOR 1.
      SKIP 1.
    ENDAT.
    WRITE: /   LS_FINAL_2-VENDOR,
              LS_FINAL_2-T_AMT ,
              LS_FINAL_2-CB_OFF.

    AT END OF VENDOR.
      SUM.
      LS_FINAL_2-CB_OFF      = LS_FINAL_2-T_AMT * LS_FINAL_2-CB_OFF DIV 100.

```

```
LV_NET_AMOUNT          = LS_FINAL_2-T_AMT - LS_FINAL_2-CB_OFF.
WRITE :/,12 'SUB TOTAL' COLOR 5 ,    LS_FINAL_2-T_AMT COLOR 2,
      40 LS_FINAL_2-CB_OFF COLOR 2,
      64 LV_NET_AMOUNT COLOR 2.

CLEAR    LV_NET_AMOUNT.
ENDAT.

ENDLOOP.

ENDIF.
```