SELECT transactionsT.till\_receipt\_number, IIf(Sum(IIf(item\_description Like 'pepsi\*',sales\_value,Null))>0,'pepsi',Null) AS pepsi, IIf(Sum(IIf(item\_description Like 'coke\*',sales\_value,Null))>0,'coke',Null) AS coke, IIf(Sum(IIf(item\_description Like 'lays\*',sales\_value,Null))>0,'lays',Null) AS lays, IIf(Sum(IIf(item\_description Like 'doritos\*',sales\_value,Null))>0,'dorito',Null) AS dorito, IIf(Sum(IIf(sub\_department In (86,87),sales\_value,Null))>0,'chicken',Null) AS chicken, IIf(Sum(IIf(sub\_department In (96),sales\_value,Null))>0,'pizza',Null) AS pizza, Sum(transactionsT.SALES\_VALUE) AS Sales, Sum(transactionsT.COST\_AMOUNT) AS Cost, Count(transactionsT.QUANTITY\_SOLD) AS Quantity, customersT.CU\_GENDER, customersT.CU\_AGE\_RANGE, customersT.CUSTOMER\_TYPE

FROM transactionsT INNER JOIN customersT ON transactionsT.CUSTOMER\_ID = customersT.CUSTOMER\_ID

GROUP BY transactionsT.till\_receipt\_number, customersT.CU\_GENDER, customersT.CU\_AGE\_RANGE, customersT.CUSTOMER\_TYPE

HAVING ((customersT.CUSTOMER\_TYPE)<>"STAFF" And (customersT.CUSTOMER\_TYPE)<>"CHARGE" and (customersT.CUSTOMER\_TYPE)<>"HO" )

SELECT transactionsT.SUB\_DEPARTMENT, Sum(transactionsT.SALES\_VALUE) AS sales, Sum(transactionsT.COST\_AMOUNT) AS cost, Count(transactionsT.QUANTITY\_SOLD) AS quantity

FROM transactionsT INNER JOIN customersT ON transactionsT.CUSTOMER\_ID = customersT.CUSTOMER\_ID

WHERE ((Asc(customersT.CU\_GENDER)=77))

GROUP BY transactionsT.SUB\_DEPARTMENT;

SELECT transactionsT.TILL\_RECEIPT\_NUMBER, sum(transactionsT.SALES\_VALUE) AS sales,sum(transactionsT.COST\_AMOUNT) as cost, Count(transactionsT.QUANTITY\_SOLD) AS quantity,customersT.CU\_GENDER, customersT.CU\_AGE\_RANGE, customersT.CUSTOMER\_TYPE,

SUM(IIF(sub\_department IN (94),sales\_value,NULL)) AS hotfood,

SUM(IIF(sub\_department IN (70),sales\_value,NULL)) AS horticulture,

SUM(IIF(sub\_department IN (71),sales\_value,NULL)) AS housewares,

SUM(IIF(sub\_department IN (41),sales\_value,NULL)) AS bakery,

SUM(IIF(sub\_department IN (130),sales\_value,NULL)) AS water,

SUM(IIF(sub\_department IN (96),sales\_value,NULL)) AS pizza,

SUM(IIF(sub\_department IN (91),sales\_value,NULL)) AS sandwichmeat

FROM transactionsT INNER JOIN customersT

ON transactionsT.CUSTOMER\_ID = customersT.CUSTOMER\_ID

GROUP BY transactionsT.TILL\_RECEIPT\_NUMBER, customersT.CU\_GENDER, customersT.CU\_AGE\_RANGE, customersT.CUSTOMER\_TYPE

HAVING ((customersT.CUSTOMER\_TYPE)<>"STAFF" And (customersT.CUSTOMER\_TYPE)<>"CHARGE" and (customersT.CUSTOMER\_TYPE)<>"HO" and Asc(customersT.CU\_GENDER)<>32);

SELECT transactionsT.TILL\_RECEIPT\_NUMBER,

Sum(transactionsT.SALES\_VALUE) AS sales,

Sum(transactionsT.COST\_AMOUNT) AS cost,

Count(transactionsT.QUANTITY\_SOLD) AS quantity,

Sum(IIf(sub\_department In (1),sales\_value,0)) AS grocery,

Sum(IIf(sub\_department In (3),sales\_value,0)) AS dairy,

Sum(IIf(sub\_department In (30,31,32),sales\_value,0)) AS produce,

Sum(IIf(sub\_department In (20,21,22,28),sales\_value,0)) AS meat,

Sum(IIf(sub\_department In (4),sales\_value,0)) AS frozen,

Sum(IIf(sub\_department In (94,97),sales\_value,0)) AS deli,

Sum(IIf(sub\_department In (50,51),sales\_value,0)) AS hba,

Sum(IIf(sub\_department In (70),sales\_value,0)) AS horticulture,

Sum(IIf(sub\_department In (41,40,44),sales\_value,0)) AS bread,

customersT.CU\_GENDER,

customersT.CU\_AGE\_RANGE

FROM transactionsT INNER JOIN customersT ON transactionsT.CUSTOMER\_ID = customersT.CUSTOMER\_ID

GROUP BY transactionsT.TILL\_RECEIPT\_NUMBER, customersT.CU\_GENDER, customersT.CU\_AGE\_RANGE, customersT.CUSTOMER\_TYPE, customersT.CUSTOMER\_ID

HAVING (((customersT.CUSTOMER\_TYPE)="CUSTOMER") And ((Asc(customersT.CU\_GENDER))<>32));