**Assignment 1 – Module 2**

**Q-7** / **Query**:

**SELECT B.BPNAME,C.COMPANYNAME, sum(I.QUANTITY) as tot\_qunty, sum(I.EXTCOST) as tot\_extcost**

**FROM BRANCH\_PLANT\_DIM B**

**inner join COMPANY\_DIM C on B.COMPANYKEY = C.COMPANYKEY**

**inner join inventory\_fact I on B.BRANCHPLANTKEY= I.BRANCHPLANTKEY**

**WHERE I.TRANSTYPEKEY = 2**

**group by C.COMPANYNAME,B.BPNAME**

**UNION**

**SELECT NULL,C.COMPANYNAME, sum(I.QUANTITY) as tot\_qunty, sum(I.EXTCOST) as tot\_extcost**

**FROM BRANCH\_PLANT\_DIM B**

**inner join COMPANY\_DIM C on B.COMPANYKEY = C.COMPANYKEY**

**inner join inventory\_fact I on B.BRANCHPLANTKEY= I.BRANCHPLANTKEY**

**WHERE I.TRANSTYPEKEY = 2**

**group by C.COMPANYNAME**

**UNION**

**SELECT NULL,NULL, sum(I.QUANTITY) as tot\_qunty, sum(I.EXTCOST) as tot\_extcost**

**FROM BRANCH\_PLANT\_DIM B**

**inner join COMPANY\_DIM C on B.COMPANYKEY = C.COMPANYKEY**

**inner join inventory\_fact I on B.BRANCHPLANTKEY= I.BRANCHPLANTKEY**

**WHERE I.TRANSTYPEKEY = 2;**

**Implementation:**

