***NAME : Himanshu Dixit***

***ENROLL NO. : 21103262***

***BATCH : B11***

***DSW Lab***

***Week 8***

***1.*** *select distinct cname from Components c,Catalog cc where c.cid=cc.cid;*

***2.*** *select vname from vendors where vid in(select vid from catalogc,components cc where c.cid=cc.cid and cc.types="camera");*

***3.*** *select vname from vendors where vid in(select x.vid from components c,catalog x where c.cid=x.cid and c.types="camera") and vid in(select x.vid from components c,catalog x where c.cid=x.cid and c.types="radio");*

***4.*** *select vid from vendors where vid in(select x.vid from components c,catalog x where c.cid=x.cid and c.cname="antenna") or vaddress="Noida";*

***5.*** *select c.cname,c.types,x.cost from components c,catalog x where c.cid=x.cid and x.vid in (select vid from vendors where vname="Samsung");*

***6.*** *select c.cname from components c,catalog x where c.cid=x.cid and x.cost>=all(select cost from catalog);*

***7.*** *select v.vname from vendors v,catalog x where v.vid=x.vid and x.cost<=all(select cost from catalog where cid in(select cid from components where cname="proximity sensor"));*

***8.*** *select vid from catalog group by vid having count(\*)>=all(select count(\*) from catalog group by vid);*

***9.*** *select distinct(vid) from catalog where cost<100;*

***10.*** *select cid from catalog where vid not in(select vid from vendors where vname="Sony");*

***11.*** *select cname from components where cid not in(select distinct(cid) from catalog where vid in(select vid from vendors where vname="Sony"));*

***12.*** *select cname from components where cid in(select distinct(cid) from catalog where vid in(select vid from vendors where vname="Samsung")) and cid not in(select distinct(cid) from catalog where vid in(select vid from vendors where vname="Sony"));*