

1. Create table montage (IdRob varchar(5) Foreign key References ROBOT (IdRob),
CodeCom varchar(5) Foreign key References
COMPOSANT(CodeComp),
Idmemb varchar(5) Foreign key references MEMBRE (Idmemb),
DateMont Date not null ,
Primary key (IdRob, CodeComp,IdMemb)
);

2. Insert into Composant values ('C0015','caméra vidéo',150 , 180.250, 'F234') ;
3. Update composant
Set prixComp=prixComp*0,8
Where LibComp like 'Diode LED %' ;
4. Alter table Composant
Add constraint VP check PoidsComp<=200 ;

5.

a- Select F.LibFab

from Fabricant F , Composant C

where F.idFab=C.idFab

order by LibFab ASC ;

b- select M.NomMemb, M.PreMemb

from Membre M, Montage Mn

where M.idmemb=Mn.idmemb

and Mn.idRob='R101' ;

c- Select COUNT(C.codecomp)

from composant C , Montage M

where C.codecomp=M.codecomp

and C.libComp='Capteurs de couleurs'

and M.dateMont>=01/01/2018

and M .dateMont<=31/12/2018 ;

d- Select R.NomRob

from Robot R , Composant C ,Montage M

where R.idrob=M.idrob

and C.codecomp=M.codecomp

and C.libcomp='caméra infrarouge' ;

e- select SUM(C.prixcomp) , COUNT(C .codecomp)

from Composant C , Montage M

where C.codecomp= M.codecomp

Group by IdRob ;

6- create user 'U22' identified by 'RobE2019' ;

7- Grant Update , Delete on composant to 'U22' ;

Grant insert on composant to 'U22' with grant option ;