```
(a) Ttype (otype!= A Characters)
    Thype Characters - Thype (otype = A Characters)
(b) ρ (TempsI, Πname (σseason=1 Appearances))
ρ (Temps 2, Πname (σseason=2 Appearances))
Πname (Temps 1 Λ Temps 2)
C) Thame ((Triewers 7 3.0m Episodes) M Appearances)
d) Ptemp1 (Characters & (oseason=1 Appearances))

**Temp1. name < temp2. name \( \temp1. \temp1. \temp1. \temp2. \temp2. \temp1

Ptemp2 (Characters & (oseason=1 Appearances))
    from episodes
     where viewers > 3.0M
     order by viewers DESC, season ASC, number ASC
                                          appearances A, epis
(b) select distinct characters from characters
     where E. season = A. season
               E. num = A. num
      and E.viewers > 3.0M
      and A. name != A. name
```

- © Select distinct characters
  from appearances
  where season = 1
  and season = 2
  and aum = 1
  and num = 2;
- Delect distinct characters
  from Appearances
  where Season = 1
  and season = 2
  and num = 1
  and num = 2 (select characters
  from appearances
  where characters 72);
- e select characters
  from Characters C, Appearances A
  where A. name = C.name
  and A. type = A
  order by season, num, number\_characters
- For characters C, Appearances A
  where A. name = C. name
  and A. type! = A (select num
  from Appearances
  where not exists # type.A=A)
  order by season