1. Given F = {a→b, b→c c→ {de}. What is the closure of b

2. Given R(a,b,c,d,e,f). Given the following functional dependency:
   F = { ab→ cdef, c → abdef}.
   Identify the L M R, candidate keys, prime/non prime and normal form using the table below

L	M	R		Candidate Keys		prime	Non prime		Normal Form

3. Given R(a,b,c,d,e,f). Given the following functional dependency:
   F = { ab→cdef c →abdef e→ a}.
   Identify the L M R, candidate keys, prime/non prime and normal form using the table below

L	M	R		Candidate Keys		prime	Non prime		Normal Form

4. Given R(a,b,c,d,e,f,g). Given the following functional dependency:
   F = { ab → {cdeg, c → abdef, d→ b}
   Identify the L M R, candidate keys, prime/non prime and normal form using the table below

L	M	R		Candidate Keys		prime	Non prime		Normal Form