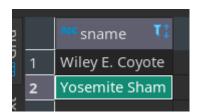
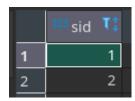
<u>Task 1</u>

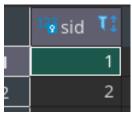
1) select distinct s.sname from "Suppliers" s, "Catalog" c, "Parts" p where s.sid=c.sid and c.pid=p.pid and p.color='Red'



2) select distinct c.sid from "Catalog" c, "Parts" p where c.pid=p.pid and (p.color='Red' or p.color='Green')



3) select distinct s.sid from "Suppliers" s, "Catalog" c, "Parts" p where s.sid=c.sid and c.pid = p.pid and p.color='Red' or s.address = '221 Packer Street'



4) select distinct c.sid from "Catalog" c where not exists(select p.pid from "Parts" p where (p.color ='Red' or p.color='Green') and (not exists(select c1.sid from "Catalog" c1 where c1.sid = c.sid and c1.pid = c.pid)))



5) select distinct c.sid from "Catalog" c where not exists(select p.pid from "Parts" p where (p.color ='Red') and (not exists(select c1.sid from "Catalog" c1 where c1.sid = c.sid and c1.pid = c.pid))) or not exists(select p.pid from "Parts" p where (p.color ='Green') and (not exists(select c1.sid from "Catalog" c1 where c1.sid = c.sid and c1.pid = c.pid)))



6) select distinct c1.sid, c2.sid from "Catalog" c1, "Catalog" c2 where (not c1.sid = c2.sid and c1.cost > c2.cost)



7) select distinct c1.pid from "Catalog" c1, "Catalog" c2 where c1.pid = c2.pid and not c1.sid = c2.sid



- 8) select c.sid, p.color, AVG(c.cost) from "Catalog" c, "Parts" p GROUP BY p.color, c.sid, c.pid, p.pid having c.pid=p.pid AND (p.color = 'Red' OR p.color = 'Green')
- 9) select distinct c.sid from "Catalog" c where c.cost >= 50

