

Homework 11

S1260027

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Q1. Find the query for the following SQL statements that use EXISTS/NOT EXISTS clause.

Match Query in Table X with (a) - (e).

- P. (e)
- Q. (c)
- R. (d)
- S. (b)
- T. (a)

Q2. Find the following, using EXIST/NOT EXIST clause

U. Find Parts, which are supplied by all suppliers (if any).

```
Select distinct p.pno, p.pname from p
where not exists (Select * from s
where not exists (Select * from sp
where sp.sno=s.sno and sp.pno=p.pno));
```

V. Find Parts, available from few suppliers (but not from all suppliers).

```
Select distinct p.pno, p.pname from p
where exists (Select * from s
where exists (Select * from sp
where sp.sno=s.sno and sp.pno=p.pno));
```

W. Find Parts, which is not available from any supplier (if any).

```
Select distinct p.pno, p.pname from p
where not exists (Select * from s
where exists (Select * from sp
where sp.sno=s.sno and sp.pno=p.pno));
```