CS348 - Database Management, A01

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1. $\pi_{p\_name}(\sigma_{p\_brand=Brand\#42}(\sigma_{p\_size>=43}(\sigma_{p\_size<=47}(Part))))$

2. $\pi_{c\_custkey,c\_name,c\_phone}(\sigma_{c\_acctbal<0}(\sigma_{n\_name=Canada}(Cust \bowtie_{c\_nationkey=n\_nationkey} Nati)))$

3. $p(_{c\_name\rightarrow name,c\_phone\rightarrow phone}, \pi_{c\_name,c\_phone}(\sigma_{c\_acctbal>9975}(Cust))) \bigcup$
   $p(_{s\_name\rightarrow name,s\_phone\rightarrow phone}, \pi_{s\_name,s\_phone}(\sigma_{c\_acctbal>9500}(Supp)))$

4. $\pi_{n\_name}(Nati \bowtie_{n\_nationkey=s\_nationkey} (Supp \bowtie_{s\_nationkey=s\_nationkey} Supp))$