Michael Smith

Q1) Answer ← $\pi_{Fname, Minit, Lname}(\sigma_{Dno=1 \text{ or } dno=4})$

Results:

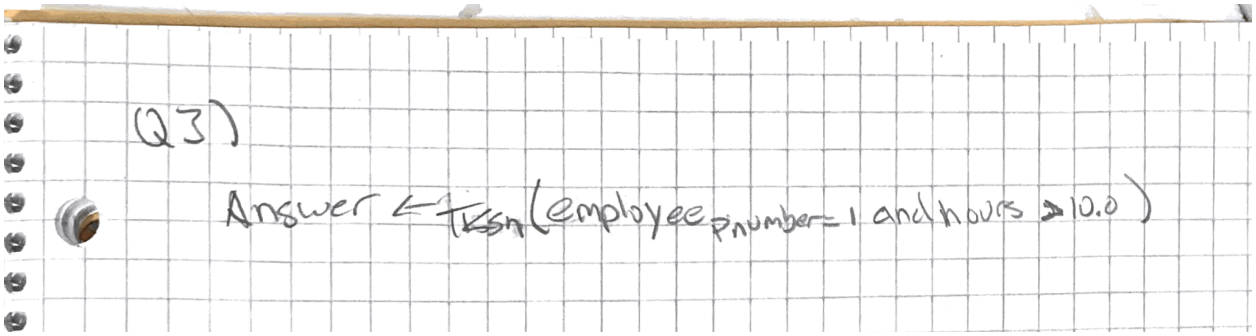
Fname	Lname
James	Borg
Ahmad	Jabbar
Jennifer	Wallace
Alicia	Zelaya

Q2)

Answer ← $\pi_{Dname}(Dept\_Location_{Dnumber=4})$

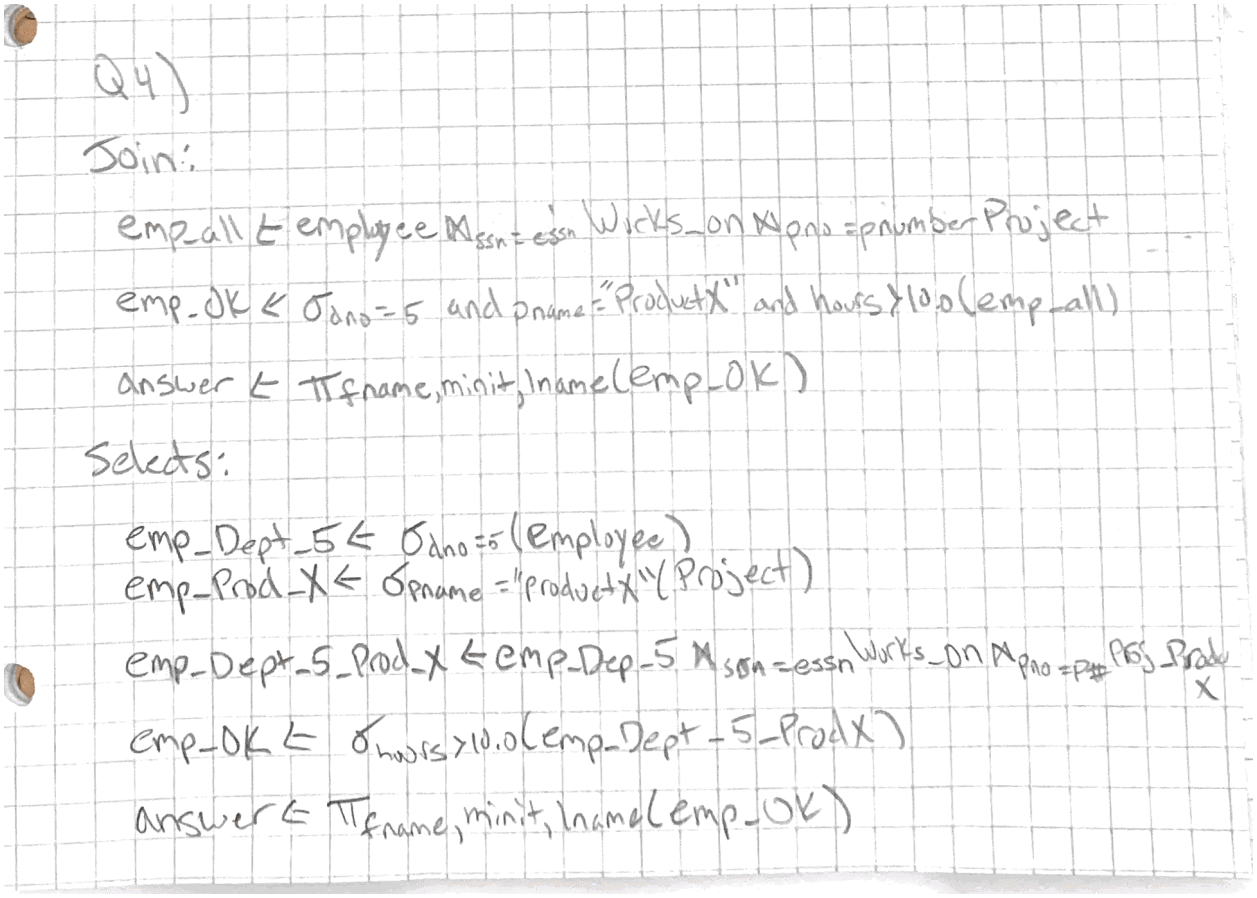
Results:

Dname
Administration



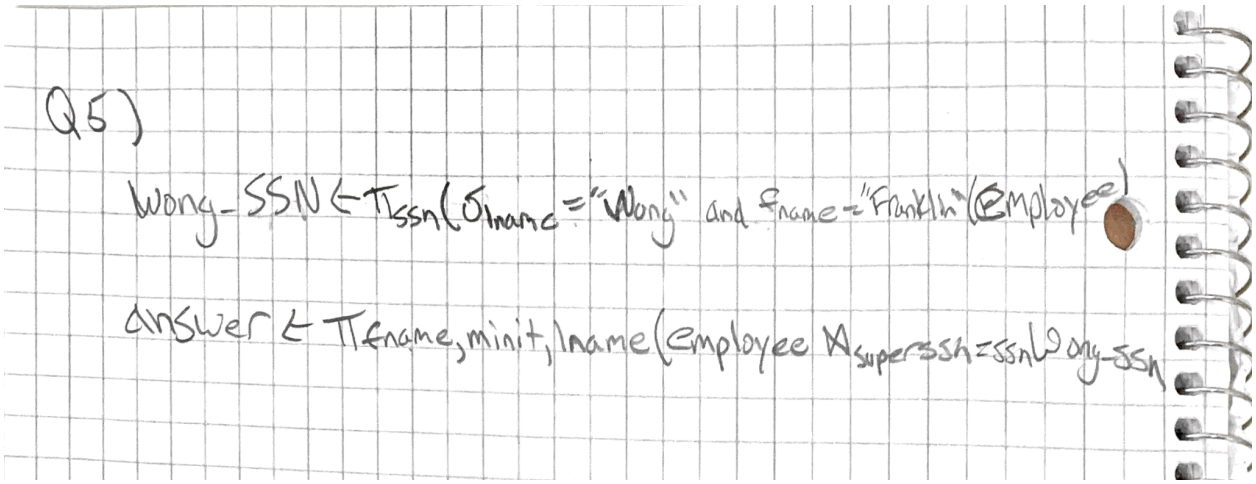
Results:

SSN
123456789
453453453



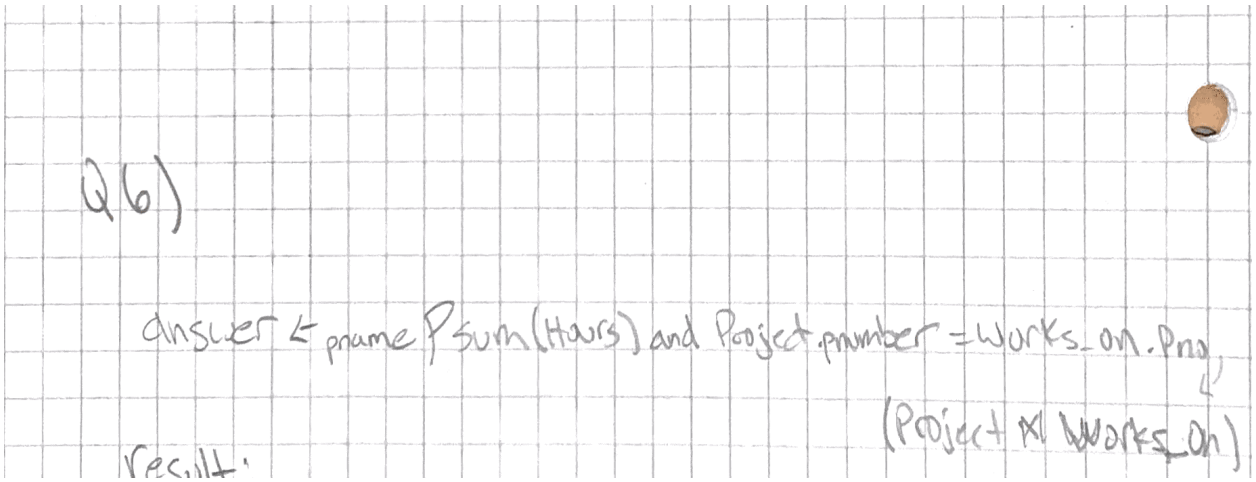
Results:

Fname	Lname
John	Smith



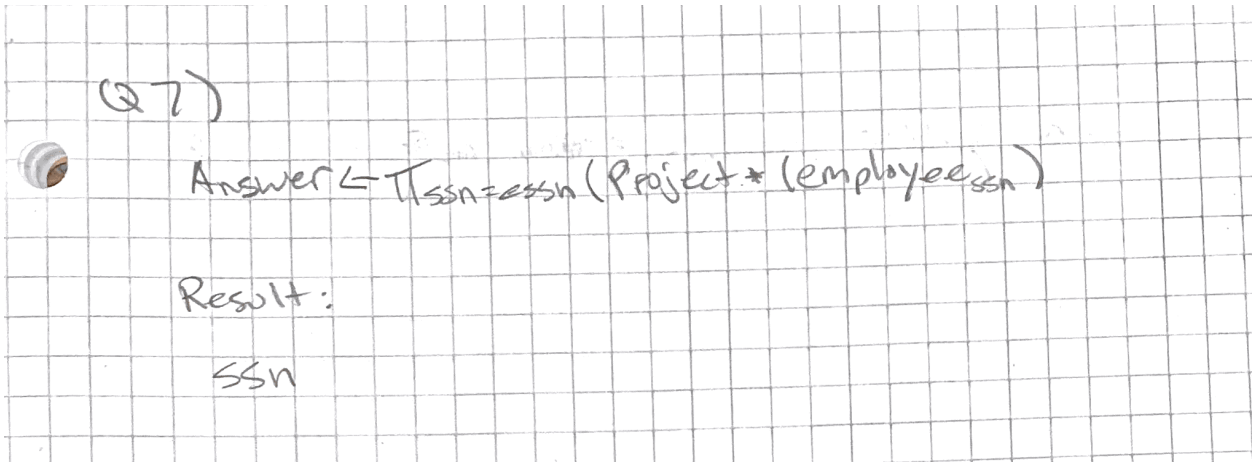
Results:

Fname	Lname
John	Smith
Ramesh	Narayan
Joyce	English



Results:

Pname	Total_hours
ProductX	52.5
ProductY	37.5
ProductZ	50
Computerization	55
Reorganization	25
Newbenefits	55



Results:

SSN
NULL

Q8)

$Dept\_max\_sals(Dnumber, max\_sal) \leftarrow {}_{Dno}\mathcal{F}_{max\_sal(empl.sal)}$

$Answer \leftarrow \pi_{Dname, max\_sal}(Dept\_Max\_sals * Department)$

result:

Dname	max_sal
Research	40,000
Admin.	43,000
H.Q.	55,000