

## SQL Exercises

Q1: Retrieve the name and address of all employees who work in the 'Research' department.

FNAME	LNAME	ADDRESS
John	Smith	731 Fondren, Houston TX
Franklin	Wong	638 Voss, Houston TX
Joyce	English	5631 Rice, Houston TX
Ramesh	Narayan	975 Fire Oak, Humble TX

Q2: Retrieve the name and address of all the female managers.

FNAME	MINIT	LNAME	ADDRESS
Jennifer	S	Wallace	291 Berry, Bellaire TX

Q3: Make a list of all project numbers for projects that involve an employee whose last name is 'Smith', either as a worker or as a manager of the department that controls the project.

Pnumber
1
2

Q4: For each Employee, retrieve the employee's first and last name and first and last name of his or her immediate supervisor.

Fname	Lname	Fname	Lname
John	Smith	Franklin	Wong
Franklin	Wong	James	Borg
Joyce	English	Franklin	Wong
Ramesh	Narayan	Franklin	Wong
James	Borg	(null)	(null)
Jennifer	Wallace	James	Borg

Q5: For every project located in 'Stafford', list the project number, the controlling department number, and the department manager's last name, address, and birthdate.

PNUMBER	DNUM	LNAME	ADDRESS	BDATE
10	4	Wallace	291 Berry, Bellaire TX	1941-06-20
30	4	Wallace	291 Berry, Bellaire TX	1941-06-20

Q6: Retrieve the name and address and his/her department name of the highest ranked employee who does not report to anybody in the company.

FNAME	MINIT	LNAME	ADDRESS	DNAME
James	E	Borg	450 Stone, Houston TX	Headquarters