1
A)

SET SQL_SAFE_UPDATES = 0;

START TRANSACTION;
savepoint s1;
delete from EMPLOYEE where SALARY > 40000;

SELECT * from EMPLOYEE;
savepoint s2;

#	FNAME	MINIT	LNAME	SSN	BDATE	ADDRESS	SEX	SALARY	SUPER_SSN	DNO
1	John	B	Smith	123456789	1965-01-09	731 Fondren, Houseton, TX	M	30000	333445555	5
2	Franklin	T	Wong	333445555	1955-12-08	638 Voss, Housten, TX	M	40000	888665555	5
3	Joyce	A	English	453453453	1972-07-31	5631 Rice, Houston, TX	F	25000	333445555	5
4	Ramesh	K	Narayan	666884444	1962-09-15	975 Fire Oak, Humble, TX	M	38000	333445555	5
5	Ahmed	V	Jabbar	987987987	1969-03-29	980 Dallas, Houston, TX	M	25000	987654321	4
6	Alicia	J	Zelaya	999887777	1968-01-19	3321 Castle, Spring, TX	F	25000	987654321	4
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

B)

rollback to savepoint s1;
SELECT * from EMPLOYEE;

#	FNAME	MINIT	LNAME	SSN	BDATE	ADDRESS	SEX	SALARY	SUPER_SSN	DNO
1	John	B	Smith	123456789	1965-01-09	731 Fondren, Houseton, TX	M	30000	333445555	5
2	Franklin	T	Wong	333445555	1955-12-08	638 Voss, Housten, TX	M	40000	888665555	5
3	Joyce	A	English	453453453	1972-07-31	5631 Rice, Houston, TX	F	25000	333445555	5
4	Ramesh	K	Narayan	666884444	1962-09-15	975 Fire Oak, Humble, TX	M	38000	333445555	5
5	James	E	Borg	888665555	1937-11-10	450 Stone, Houston, TX	M	55000	NULL	1
6	Jennifer	S	Wallace	987654321	1941-06-20	291 Berry, Bellaire, TX	F	43000	888665555	4
7	Ahmed	V	Jabbar	987987987	1969-03-29	980 Dallas, Houston, TX	M	25000	987654321	4
8	Alicia	J	Zelaya	999887777	1968-01-19	3321 Castle, Spring, TX	F	25000	987654321	4
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

A)

```
create view EMP_VW as
select FNAME,SSN,SALARY
from EMPLOYEE;

SELECT * from EMP_VW;
```

#	FNAME	SSN	SALARY
1	John	123456789	30000
2	Franklin	333445555	40000
3	Joyce	453453453	25000
4	Ramesh	666884444	38000
5	James	888665555	55000
6	Jennifer	987654321	43000
7	Ahmed	987987987	25000
8	Alicia	999887777	25000

B)

```
update EMP_VW
set SALARY = SALARY + 1000;

SELECT * from EMP_VW;
```

#	FNAME	SSN	SALARY
1	John	123456789	31000
2	Franklin	333445555	41000
3	Joyce	453453453	26000
4	Ramesh	666884444	39000
5	James	888665555	56000
6	Jennifer	987654321	44000
7	Ahmed	987987987	26000
8	Alicia	999887777	26000