EXP 5

1)SQL> UPDATE STUDENT

SET NAME=’JOHN’

WHERE ID=4553;

SELECT \* FROM STUDENT;

ID NAME DEPT\_NAME TOT\_CRED DOB

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76653 AOI ELEC.ENG 60 10-MAY-10

128 ZHANG COMP.SCI 102 24-JUL-00

12345 SHANKAR COMP.SCI 33 01-JAN-01

19991 BRANDT HISTORY 80 10-JAN-02

23121 CHAVEZ FINANCE 110 25-MAR-05

44553 JOHN PHYSICS 56 30-APR-04

45678 MOZART PHYSICS 47 07-AUG-99

2)

SQL> COMMIT;

Commit complete.

3) SQL> UPDATE STUDENT

2 SET NAME='PELTIER' WHERE ID=44553;

1 row updated.

SQL> SELECT \* FROM STUDENT;

ID NAME DEPT\_NAME TOT\_CRED DOB

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ID NAME DEPT\_NAME TOT\_CRED DOB

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76653 AOI ELEC.ENG 60 10-MAY-10

128 ZHANG COMP.SCI 102 24-JUL-00

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44553 PELTIER PHYSICS 56 30-APR-04

45678 MOZART PHYSICS 47 07-AUG-99

4) SQL> ROLLBACK;

Rollback complete.

SQL> SELECT \* FROM STUDENT;

ID NAME DEPT\_NAME TOT\_CRED DOB

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76653 AOI ELEC.ENG 60 10-MAY-10

128 ZHANG COMP.SCI 102 24-JUL-00

12345 SHANKAR COMP.SCI 33 01-JAN-01

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5. SQL> INSERT INTO STUDENT

2 VALUES(67890,'ANAKHA','COMP.SCI',63,TO\_DATE('16/06/2001','DD/MM/YYYY'));

UPDATE STUDENT

SET NAME='MEGHA'

WHERE ID=67890;

SQL> SELECT \* FROM STUDENT;

ID NAME DEPT\_NAME TOT\_CRED DOB

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76653 AOI ELEC.ENG 60 10-MAY-10

67890 MEGHA COMP.SCI 63 16-JUN-01

128 ZHANG COMP.SCI 102 24-JUL-00

12345 SHANKAR COMP.SCI 33 01-JAN-01

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SQL> SAVEPOINT S1;

Savepoint created.

SQL> UPDATE STUDENT

2 SET TOT\_CRED=100

3 WHERE ID=67890;

1 row updated.

SQL> SELECT \* FROM STUDENT;

ID NAME DEPT\_NAME TOT\_CRED DOB

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76653 AOI ELEC.ENG 60 10-MAY-10

67890 MEGHA COMP.SCI 100 16-JUN-01

128 ZHANG COMP.SCI 102 24-JUL-00

12345 SHANKAR COMP.SCI 33 01-JAN-01

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45678 MOZART PHYSICS 47 07-AUG-99

SQL> SAVEPOINT S2;

SQL> UPDATE STUDENT

2 SET DEPT\_NAME='ELEC.ENG'

3 WHERE ID=67890;

1 row updated.

SQL> SELECT \* FROM STUDENT;

ID NAME DEPT\_NAME TOT\_CRED DOB

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76653 AOI ELEC.ENG 60 10-MAY-10

67890 MEGHA ELEC.ENG 63 16-JUN-01

128 ZHANG COMP.SCI 102 24-JUL-00

12345 SHANKAR COMP.SCI 33 01-JAN-01

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45678 MOZART PHYSICS 47

6. SQL> ROLLBACK TO S2;

Rollback complete.

SQL> SELECT \* FROM STUDENT;

ID NAME DEPT\_NAME TOT\_CRED DOB

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76653 AOI ELEC.ENG 60 10-MAY-10

67890 MEGHA COMP.SCI 100 16-JUN-01

128 ZHANG COMP.SCI 102 24-JUL-00

12345 SHANKAR COMP.SCI 33 01-JAN-01

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45678 MOZART PHYSICS 47 07-AUG-99

8 rows selected.

SQL> ROLLBACK TO S1;

Rollback complete.

SQL> SELECT \* FROM STUDENT;

ID NAME DEPT\_NAME TOT\_CRED DOB

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67890 MEGHA COMP.SCI 63 16-JUN-01

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