

SCS2209 Database II

Tutorial 03

18001645

1.

```
START TRANSACTION; SAVEPOINT A; INSERT INTO
customer(Id,FirstName,LastName,City,Country,Phone)VALUES('121','S
rinath','Silva','Colombo','S ri Lanka','0712345678'); SAVEPOINT B;
INSERT INTO
customer(Id,FirstName,LastName,City,Country,Phone)VALUES('122','R
amesh','Perera','Kandy','S ri Lanka','0762345678'); SAVEPOINT C;
INSERT INTO
customer(Id,FirstName,LastName,City,Country,Phone)VALUES('123','N
ipuni','Gunasekara','Chila w','Sri Lanka','0715678234'); SELECT*FROM
customer;
```

2.

```
START TRANSACTION; SAVEPOINT A; INSERT INTO
customer(Id,FirstName,LastName,City,Country,Phone)VALUES('121','S
rinath','Silva','Colombo','S ri Lanka','0712345678'); SAVEPOINT B;
INSERT INTO
customer(Id,FirstName,LastName,City,Country,Phone)VALUES('122','R
amesh','Perera','Kandy','S ri Lanka','0762345678'); SAVEPOINT C;
INSERT INTO
customer(Id,FirstName,LastName,City,Country,Phone)VALUES('123','N
ipuni','Gunasekara','Chila w','Sri Lanka','0715678234'); ROLLBACK TO
C; COMMIT;
```

3.

```
START TRANSACTION; SAVEPOINT Alt1; UPDATE customer SET
FirstName="Mary" WHERE Id="1"; SAVEPOINT Alt2; UPDATE
customer SET FirstName="Ron" WHERE Id="20"; SAVEPOINT Alt3;
UPDATE customer SET FirstName="Eddy" WHERE Id="29";
SAVEPOINT Alt2; UPDATE customer SET LastName="Alex" WHERE
Id="20"; ROLLBACK TO Alt2; COMMIT;
```

4.

```
START TRANSACTION; SAVEPOINT del_1; DELETE FROM  
customer WHERE Country="UK"; SAVEPOINT del_2; DELETE  
FROM customer WHERE Country="Brazil"; RELEASE SAVEPOINT  
del_2; COMMIT;
```

5.

```
START TRANSACTION; SAVEPOINT del_city; DELETE FROM  
customer WHERE City="Paris"; COMMIT; RELEASE SAVEPOINT  
del_city;
```

6.

```
START TRANSACTION; SAVEPOINT roll_sav; INSERT INTO  
supplier(Id,CompanyName,ContactName,ContactTitle,City,Country,Pho  
ne,Fax)VALUES(99,'ABC Pvt Ltd','Roshan Perera','Mr','Colombo ','Sri  
Lanka','0712345678','0712345678'); RELEASE SAVEPOINT roll_sav;  
ROLLBACK TO roll_sav;
```