

## Assignment 5

**Begin a transaction, perform a series of INSERTs into 'orders', setting a SAVEPOINT after each, rollback to the second SAVEPOINT, and COMMIT the overall transaction.**

**ANS**

USE product;

```
CREATE TABLE products2 (  
    product_id INT PRIMARY KEY,  
    product_name VARCHAR(255),  
    price DECIMAL(10, 2),  
    stock INT  
);  
describe products2;  
INSERT INTO products2 (product_id, product_name, price, stock)  
VALUES (1, 'Product A', 25.00, 100),  
    (2, 'Product B', 15.00, 200),  
    (3, 'Product C', 35.00, 300),  
    (4, 'Product D', 150.00, 400);
```

```
SELECT * FROM products2;
```

```
START TRANSACTION;  
SAVEPOINT insertnew1;  
INSERT INTO products2 VALUES (5, 'Product E', 450.00, 500);
```

```
SAVEPOINT insertnew2;  
INSERT INTO products2 VALUES (6, 'Product F', 360.00, 600);
```

```
SAVEPOINT insertnew3;  
INSERT INTO products2 VALUES (7, 'Product G', 980.00, 700);
```

```
SAVEPOINT insertnew4;  
INSERT INTO products2 VALUES (8, 'Product H', 520.00, 800);
```

```
ROLLBACK TO insertnew2;
```

```
COMMIT;
```

```
SELECT * FROM products2;
```