CREATE TABLE orders(

order\_no int PRIMARY KEY, purchase\_amount float, order\_date date,

customer\_id int, salesman\_id int);

INSERT ALL

INTO orders VALUES(70001, 150.5, TO\_DATE('2012/10/05', 'YYYY/MM/DD'), 3005, 5002)

INTO orders VALUES(70009, 270.65, TO\_DATE('2012/09/10', 'YYYY/MM/DD'), 3001, 5005)

INTO orders VALUES(70002, 65.26, TO\_DATE('2012/10/05', 'YYYY/MM/DD'), 3002, 5001)

INTO orders VALUES(70004, 110.5, TO\_DATE('2012/08/17', 'YYYY/MM/DD'), 3009, 5003)

INTO orders VALUES(70007, 948.5, TO\_DATE('2012/09/10', 'YYYY/MM/DD'), 3005, 5002)

INTO orders VALUES(70005, 2400.6, TO\_DATE('2012/07/27', 'YYYY/MM/DD'), 3007, 5001)

INTO orders VALUES(70008, 5760, TO\_DATE('2012/08/15', 'YYYY/MM/DD'), 3002, 5001)

INTO orders VALUES(70010, 1983.43, TO\_DATE('2012/10/10', 'YYYY/MM/DD'), 3004, 5006)

INTO orders VALUES(70003, 2480.4, TO\_DATE('2012/10/10', 'YYYY/MM/DD'), 3009, 5003)

INTO orders VALUES(70012, 250.45, TO\_DATE('2012/06/27', 'YYYY/MM/DD'), 3008, 5002)

INTO orders VALUES(70011, 75.29, TO\_DATE('2012/08/17', 'YYYY/MM/DD'), 3003, 5007)

INTO orders VALUES(70013, 3045.6, TO\_DATE('2012/04/25', 'YYYY/MM/DD'), 3002, 5001)

SELECT 1 FROM DUAL;

Activity-6

SELECT DISTINCT salesman\_id FROM orders;

SELECT order\_date, order\_no FROM orders ORDER BY order\_date;

SELECT order\_no, purchase\_amount FROM orders ORDER BY purchase\_amount DESC;

SELECT \* FROM orders WHERE purchase\_amount < 500;

SELECT \* FROM orders WHERE purchase\_amount BETWEEN 1000 AND 2000;

Activity-7

SELECT SUM(purchase\_amount)FROM orders;

SELECT AVG(purchase\_amount)FROM orders;

SELECT MAX(purchase\_amount)FROM orders;

SELECT MIN(purchase\_amount)FROM orders;

SELECT COUNT(salesman\_id)FROM orders;

Activity-8

SELECT customer\_id , MAX(purchase\_amount) FROM orders GROUP BY customer\_id ORDER BY customer\_id ;

SELECT salesman\_id ,order\_date , MAX(purchase\_amount) FROM orders WHERE order\_date =TO\_DATE('2012-08-17', 'YYYY/MM/DD') GROUP BY salesman\_id , order\_date ;

SELECT order\_no ,order\_date, customer\_id , MAX(purchase\_amount) FROM orders GROUP BY customer\_id ,order\_no ,order\_date HAVING MAX(purchase\_amount) IN (2030, 3450, 5760, 6000);