Name: Ankush Upadhyay

Subject: ADBMS

Roll No: C21128

Time: 10:00 to1:00

Q.1 Do the following:

1. Create table Accountwith fields AcctNo, CustName, Branch, AcctBal.

2. Partition the Accounttable based on AcctBal having following range:P1 = Less than 2000P2 = Less than 5000P3 = Above 5000

3. Insert five records in AccountTable.

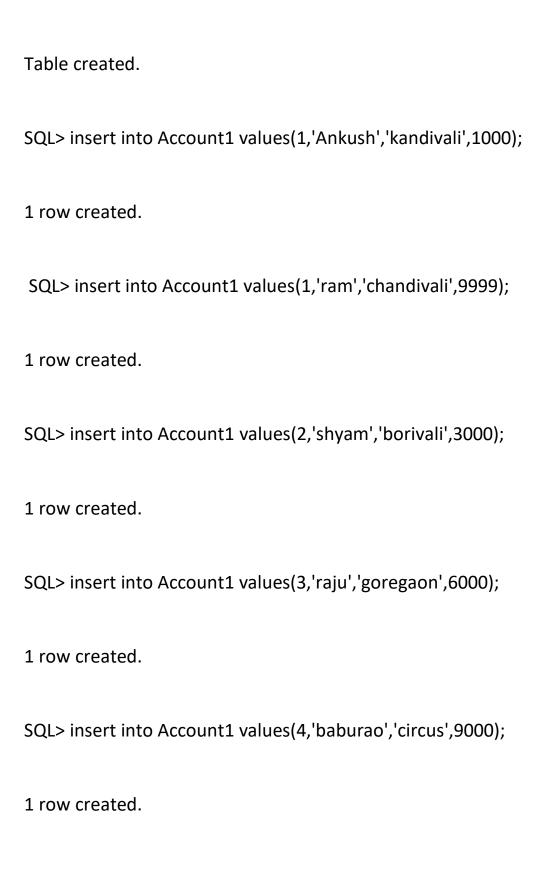4. Add one more partition P4 which will store records of customers having account balance more than 7000

```
SQL> create table Account1
 2  (Acct_no integer,
 3  CustName varchar2(10),
 4  Branch varchar2(30),
 5  AcctBal integer)
 6  PARTITION BY RANGE(AcctBal)
 7  (
 8  PARTITION P1 VALUES LESS THAN(2000),
 9  PARTITION P2 VALUES LESS THAN(5000),
10  PARTITION P3 VALUES LESS THAN(7000),
11  PARTITION P4 VALUES LESS THAN(10000));
```

Table created.

SQL> insert into Account1 values(1,'Ankush','kandivali',1000);

1 row created.

 SQL> insert into Account1 values(1,'ram','chandivali',9999);

1 row created.

SQL> insert into Account1 values(2,'shyam','borivali',3000);

1 row created.

SQL> insert into Account1 values(3,'raju','goregaon',6000);

1 row created.

SQL> insert into Account1 values(4,'baburao','circus',9000);

1 row created.

```
SQL> select * from Account1 PARTITION(P1);


  ACCT_NO CUSTNAME   BRANCH                      ACCTBAL
---------- ---------- ----------------------------- ----------
     1 Ankush    kandivali               1000


SQL> select * from Account1 PARTITION(P2);


  ACCT_NO CUSTNAME   BRANCH                      ACCTBAL
---------- ---------- ----------------------------- ----------
     2 shyam     borivali                3000


SQL> select * from Account1 PARTITION(P3);


  ACCT_NO CUSTNAME   BRANCH                      ACCTBAL
---------- ---------- ----------------------------- ----------
     3 raju      goregaon                6000


SQL> select * from Account1 PARTITION(P4);


  ACCT_NO CUSTNAME   BRANCH                      ACCTBAL
---------- ---------- ----------------------------- ----------
     1 ram       chandivali              9999
```

4 baburao   circus   9000

SQL>

 Output:

```
SQL> select * from Account1 PARTITION(P1);

  ACCT_NO CUSTNAME    BRANCH                              ACCTBAL
---------- ---------- --------------------------- ----------
        1 Ankush      kandivali                              1000

SQL> select * from Account1 PARTITION(P2);

  ACCT_NO CUSTNAME    BRANCH                              ACCTBAL
---------- ---------- --------------------------- ----------
        2 shyam       borivali                               3000

SQL> select * from Account1 PARTITION(P3);

  ACCT_NO CUSTNAME    BRANCH                              ACCTBAL
---------- ---------- --------------------------- ----------
        3 raju        goregaon                               6000

SQL> select * from Account1 PARTITION(P4);

  ACCT_NO CUSTNAME    BRANCH                              ACCTBAL
---------- ---------- --------------------------- ----------
        1 ram         chandivali                             9999
        4 baburao     circus                                 9000

SQL> _
```