SEQUENCE CREATION

Create a table student_info with the following fields: roll number, name, mark.

Create a sequence that will increment value by 1, start with 101, max value up to 200 and comes in a cycle manner.

```
SQL> create table student_info (rollno int, name varchar(20), mark int);

Table created.
```

```
SQL> create sequence s increment by 1 start with 101 minvalue 101 maxvalue 200;

Sequence created.
```

a)   Display the next value of sequence.

Ans:

```
SQL> select s.nextval from dual;

   NEXTVAL
---------
       101

SQL> select s.nextval from dual;

   NEXTVAL
---------
       102
```

b)   Display current value of sequence.

Ans:

```
SQL> select s.currval from dual;

   CURRVAL
---------
       102
```

c) Alter the sequence by updating increment value by 2.

Ans:

```
SQL> alter sequence s increment by 2;

Sequence altered.

SQL> select s.nextval from dual;

   NEXTVAL
----------
       104
```

d) Insert values into table and use sequence to enter values in roll number field.

Ans:

```
SQL> select * from student_info;

    ROLLNO NAME                      MARK
---------- -------------------- ----------
       101 Vivek                       90
       102 Zemeel                      95
       103 Sumayya                     85
       104 Krishnendu                  75
```