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.

a)   Display the next value of sequence.

b)   Display current value of sequence.

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

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

```
SQL> CREATE TABLE student_info (rollno INT, name VARCHAR(20), mark INT);

Table created.
```

```
SQL> CREATE SEQUENCE sq INCREMENT BY 1 START WITH 101 MINVALUE 101 MAXVALUE 200;

Sequence created.
```

Answers:

a)
```
SQL> SELECT sq.nextval from dual;

    NEXTVAL
    ---------
        101

SQL> /

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

b)
```
SQL> SELECT sq.currval from dual;

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

c)

```
SQL> ALTER SEQUENCE sq INCREMENT BY 2;

Sequence altered.
```

d)

```
SQL> INSERT INTO student_info VALUES(sq.nextval, 'Zameel Hassan', 100);

1 row created.

SQL> SELECT * FROM student_info;

    ROLLNO NAME                        MARK
---------- -------------------- ----------
       104 Zameel Hassan                100
```