

Practice Assignment (Do not have to submit softcopy or hardcopy)

Student (snum: integer, sname: string, major: string, slevel: string, age: integer)

Course (cnum: integer, cname: string, meets_at: string, room: string, fid: integer)

Enrolled (snum: integer, cnum: int)

Faculty (fid: integer, fname: string, deptid: integer)

First execute the DB.sql script (provided with the assignment) to create the tables and insert data of the above relational schema.

Task: Create a PL/SQL anonymous block that –

- Prints the last student ID stored in `student` table if it is an odd number.
- And inserts 10 more tuples in the `student` table, where IDs will be incremented by 1 starting from the last ID stored (from part - A). Other fields will be just repeated.

[Help: <https://www.techonthenet.com/oracle/functions/remainder.php>]

Example: Say, we have 5 tuples in student table.

```
SQL> select * from student;
```

SNUM	SNAME	MAJ	S	AGE
1	Sajid Abdullah	CSE	1	19
2	Abdullah Karim	CSE	1	19
3	Sajid Rahmatullah	CSE	2	20
4	Abid Barkatullah	CSE	2	22
5	Barkatullah Shahid	CSE	3	19

After executing your code, the result should be -

```
last id: 5
```

```
PL/SQL procedure successfully completed.
```

```
SQL> select * from student;
```

SNUM	SNAME	MAJ	S	AGE
1	Sajid Abdullah	CSE	1	19
2	Abdullah Karim	CSE	1	19
3	Sajid Rahmatullah	CSE	2	20
4	Abid Barkatullah	CSE	2	22
5	Barkatullah Shahid	CSE	3	19
6	Barkatullah Shahid	CSE	3	19
7	Barkatullah Shahid	CSE	3	19
8	Barkatullah Shahid	CSE	3	19
9	Barkatullah Shahid	CSE	3	19
10	Barkatullah Shahid	CSE	3	19
11	Barkatullah Shahid	CSE	3	19

SNUM	SNAME	MAJ	S	AGE
12	Barkatullah Shahid	CSE	3	19
13	Barkatullah Shahid	CSE	3	19
14	Barkatullah Shahid	CSE	3	19
15	Barkatullah Shahid	CSE	3	19

```
15 rows selected.
```

Note:

1. Use cursor and control statements.
2. Do not use any aggregate functions (i.e. `count ()` function) in your code.
3. Do not use any selection operation inside of the `begin-end` section.

**4. YOU DO NOT HAVE TO SUBMIT THE
SOFTCOPY and DO NOT BRING THE
HARDCOPY.**