## Assignment-06

Name: Ayush Mittal

Section: EA

**Roll No.: 10** 

University Roll No.: 2315800020

Subject: DBMS

Subject Code: BCSC 0861

1-Create a new column DoB in Student table.

1 alter table student add dob DATE;

Table altered.

2-Insert DoB for each Student in corresponding table using above instance of Student table.

```
update student set dob='26-JUN-1996' where sid=123;
   update student set dob='07-APR-1995' where sid=234;
   update student set dob='04-FEB-1995' where sid=345;
   update student set dob='24-JUL-1997' where sid=456;
   update student set dob='21-DEC-1996' where sid=567;
   update student set dob='27-AUG-1996' where sid=678;
   update student set dob='08-OCT-1996' where sid=789;
   update student set dob='27-MAR-1997' where sid=987;
   update student set dob='07-MAR-1996' where sid=876;
10 update student set dob='08-AUG-1998' where sid=765;
11 update student set dob='26-MAY-1996' where sid=654;
update student set dob='17-AUG-1998' where sid=543;
1 row(s) updated.
```

3-Find average of GPA round off to 2 decimal places.

```
ROUND(AVG(GPA),2)

ROUND(AVG(GPA),2)

3.57
```

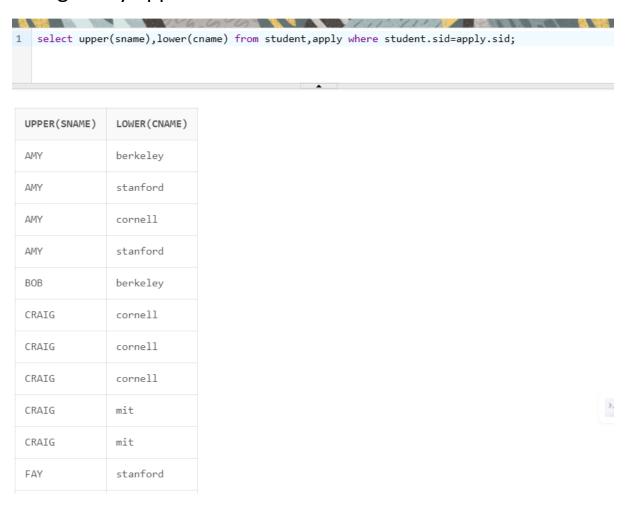
4-Find year of DoB of Student having less than 1000.



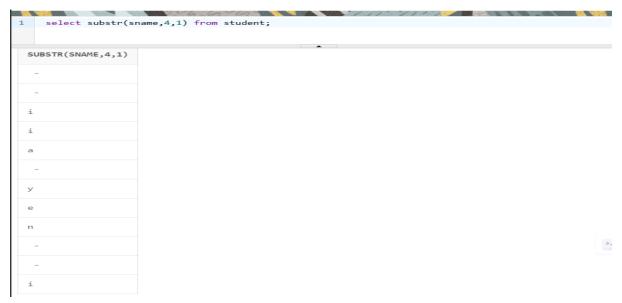
5-Compute Age of each student. (Hint: take difference between year of sysdate and Student's DoB).



6-Display name of all Students in uppercase and name of college they applied in lower case.



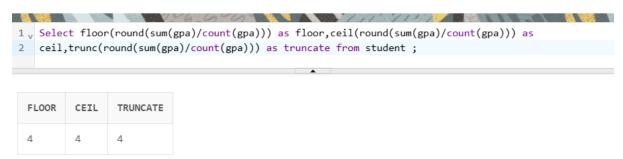
7-Find fourth alphabet of each student. (Hint: use substring).



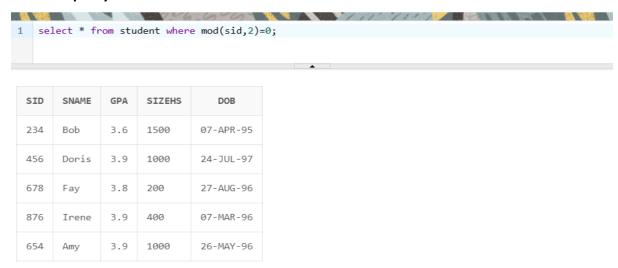
8-Find sID and sName of student whose sName has string length greater than 3.



9-Find floor, ceiling and truncate (to one decimal place) value of average GPA.



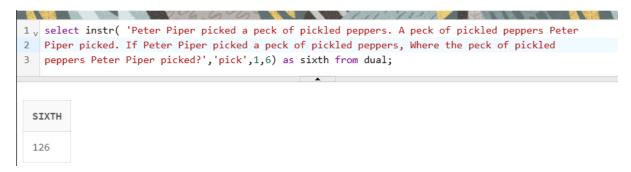
10-Display details of all students whose sID is even.



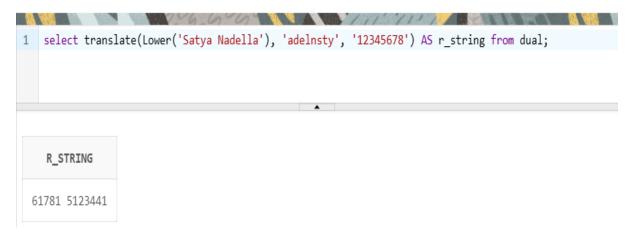
11-Compute Square Root of 900 and 247.



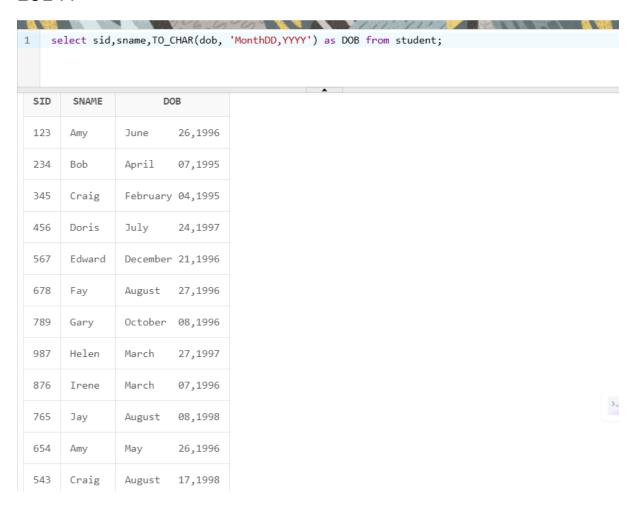
12-Consider the string "Peter Piper picked a peck of pickled peppers. A peck of pickled peppers Peter Piper picked. If Peter Piper picked a peck of pickled peppers, Where the peck of pickled peppers Peter Piper picked?" Find 6th occurrence of string 'pick'. (Hint: use INSTR).



13-Consider String 'Satya Nadella' replace this using the key (Hint: use translate).



## 14-Display sID, sname and DoB in this format 'February 26, 2014'.



## 15-Convert the text '26/02/2014' to date.



## 16-Compute on which date is next Saturday and last day of this month?

