

Ahsanullah University of Science and Technology (AUST)

Department of Computer Science and Engineering

Course No: CSE4126

Course Title: Distributed Database Systems Lab

Assignment Number: 01

Question: Find the name of the faculty member who are the faculty of the course which is conducted in room "R126" for the students whose level is "1", whose major subject is "ME" and whose age is "19"?

Part A: For the given schema, perform the query without PL/SQL anonymous block.

Part B: For the given schema, perform the query in a PL/SQL anonymous block.

Name: Devopriya Tirtho

ID: 16.02.03.033

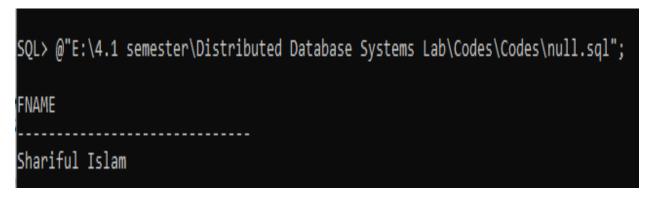
Section: A2

Solution to Part A:

Query:

```
select fName from FACULTY
where Fid = (select Fid from COURSE
where room ='R126' AND cnum IN (select cnum from ENROLLED
where snum = (select snum from STUDENT
where slevel='1' AND major='ME' AND age=19)));
```

Output:



```
Solution to Part B:
Query:
SET SERVEROUTPUT ON;
DECLARE
     f_name FACULTY.fName %TYPE;
BEGIN
     select fName
     into f_name
     from FACULTY
     where Fid = (select Fid from COURSE
     where room ='R126' AND cnum IN (select cnum from ENROLLED
     where snum = (select snum from STUDENT
     where slevel='1' AND major='ME' AND age=19)));
DBMS_OUTPUT.PUT_LINE(f_name);
END;
```

Output:

```
SQL> @"E:\4.1 semester\Distributed Database Systems Lab\Codes\Codes\partb.sql";
Shariful Islam
```

PL/SQL procedure successfully completed.