



Ahsanullah University of Science and Technology (AUST)
Department of Computer Science and Engineering

Offline 2

Course No.: CSE4126

Course Title: Distributed Database Systems Lab

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Submitted To-
Ms. Zarin Tasnim Shejuti & Sanzana Karim Lora

Submitted By-
Name: MD Shihabul Islam Shovo
ID: 190204075
Section: B1
Year- 4th
Semester-1st
Department-CSE

Question: Find how many students are currently enrolled and check if we can add more students or not?

Solution:

```
SET VERIFY OFF
```

```
SET SERVEROUTPUT ON;
```

```
DECLARE
```

```
    total_seat NUMBER;
```

```
    total_student NUMBER;
```

```
BEGIN
```

```
    -- Get user input
```

```
    total_seat := &input;
```

```
    -- Query to count rows in the STUDENT table
```

```
    SELECT COUNT(*) INTO total_student FROM STUDENT;
```

```
    -- Compare the row count with user input
```

```
    IF total_student > total_seat THEN
```

```
        DBMS_OUTPUT.PUT_LINE('There are more students than seats.');
```

```
    ELSIF total_student < total_seat THEN
```

```
        DBMS_OUTPUT.PUT_LINE('There are less students than seats.');
```

```
    ELSE
```

```
        DBMS_OUTPUT.PUT_LINE('There are exactly equal student as seat.');
```

```
    END IF;
```

```
END;
```

```
/
```