



University Institute of Engineering

Department of Computer Science & Engineering

EXPERIMENT:3

NAME : VANSK KUMAR
BRANCH : BE-CSE
SEMESTER : 5TH
SUBJECT NAME : ADBMS

UID : 23BCS10117
SECTION : KRG_1A
SUBJECT : 23CSP-339

1. AIM:-

[EASY]

You are given an EMP table that contains a list of employee IDs (EMP_ID). Some employee IDs may appear multiple times, representing duplicate entries.

Write an SQL query (using **subqueries**) to:

- Identify and exclude all employee IDs that appear more than once in the table.
- From the remaining unique employee IDs, find the **highest employee ID**.

Return the result as a single column named single_highest.

2.TOOLS USED :-

SQL server management studio.


3.CODE:-


```
--EASY--
use subqueries
CREATE TABLE EMP (
EMP_ID INT
)
INSERT INTO EMP (EMP_ID)
VALUES (2), (4), (4), (6), (6), (7), (8), (8);


--SELECT *FROM EMP;

SELECT MAX(EMP_ID) AS [single_highest]FROM EMP
WHERE EMP_ID NOT IN (
SELECT EMP_ID FROM EMP
GROUP BY EMP_ID
HAVING COUNT(EMP_ID)>1
```

4.OUTPUT:- [EASY]

100 %  No issues found

 Results

 Messages

	single_highest
1	7