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CSC 174

11/18/2020

INC_ENROLLMENT_NUMBER

/*NUMBER OF STUDENTS BEFORE TRIGGER*/

mysql> SELECT * FROM COURSE;

COURSENO	COURSENAME	NOOFSTUDENTS	INSTRUCTORID	TASSN
CSC11	VLSI	40	998877665	987654321
CSC12	COMPUTER PROGRAMMING	37	776655443	678901234
CSC20	CYBER FORENSICS	37	887766554	987654321

3 rows in set (0.00 sec)

/*REGISTER A STUDENT*/

mysql> INSERT INTO STUDENT VALUES("789012345", "DAVID YANG", "19 SERIO WAY, SACRAMENTO, CA 94201", "DAVID@GMAIL.COM");
Query OK, 1 row affected (0.00 sec)

/*ENROLL NEW STUDENT INTO CSC11, CSC12 AND CSC20*/

mysql> INSERT INTO ENROLLED VALUES("789012345", "CSC11", "A"), ("789012345", "CSC12", "A"), ("789012345", "CSC20", "A");
Query OK, 3 rows affected (0.00 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM ENROLLED;

SSN	COURSENO	GRADE
123456789	CSC11	A
567890123	CSC11	A
567890123	CSC12	A
567890123	CSC20	A
678901234	CSC11	A
678901234	CSC12	A
789012345	CSC11	
789012345	CSC12	
789012345	CSC20	
987654321	CSC11	B

10 rows in set (0.00 sec)

/*NUMBER OF STUDENTS INCREASES BY 1 IN CSC11, CSC12 AND CSC20*/

SELECT * FROM COURSE;

COURSENO	COURSENAME	NOOFSTUDENTS	INSTRUCTORID	TASSN
CSC11	VLSI	41	998877665	987654321
CSC12	COMPUTER PROGRAMMING	38	776655443	678901234
CSC20	CYBER FORENSICS	38	887766554	987654321

3 rows in set (0.00 sec)

DEL_ENROLLMENT_NUMBER

```
/*REMOVE STUDENT FROM CSC11*/
```

```
mysql> DELETE FROM ENROLLED  
      -> WHERE SSN = '789012345' AND COURSENO = 'CSC11';  
Query OK, 1 row affected (0.00 sec)
```

```
/*NUMBER OF STUDENTS DECREASES BY 1 IN CSC11*/
```

```
mysql> SELECT * FROM COURSE;
```

COURSENO	COURSENAME	NOOFSTUDENTS	INSTRUCTORID	TASSN
CSC11	VLSI	40	998877665	987654321
CSC12	COMPUTER PROGRAMMING	38	776655443	678901234
CSC20	CYBER FORENSICS	38	887766554	987654321

```
3 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM ENROLLED;
```

SSN	COURSENO	GRADE
123456789	CSC11	A
567890123	CSC11	A
567890123	CSC12	A
567890123	CSC20	A
678901234	CSC11	A
678901234	CSC12	A
789012345	CSC12	
789012345	CSC20	
987654321	CSC11	B

```
9 rows in set (0.00 sec)
```