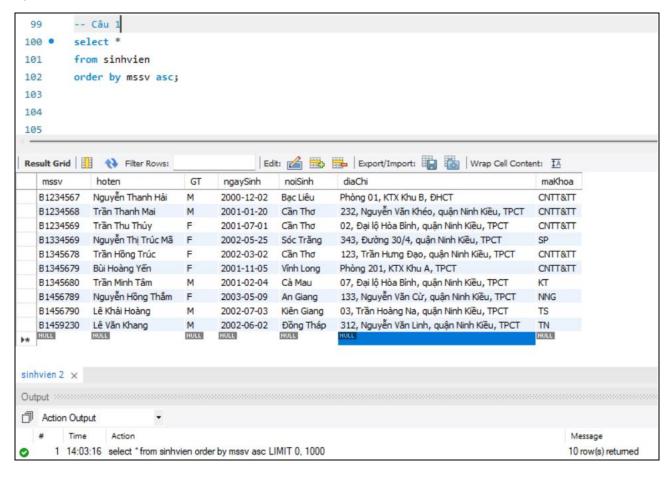
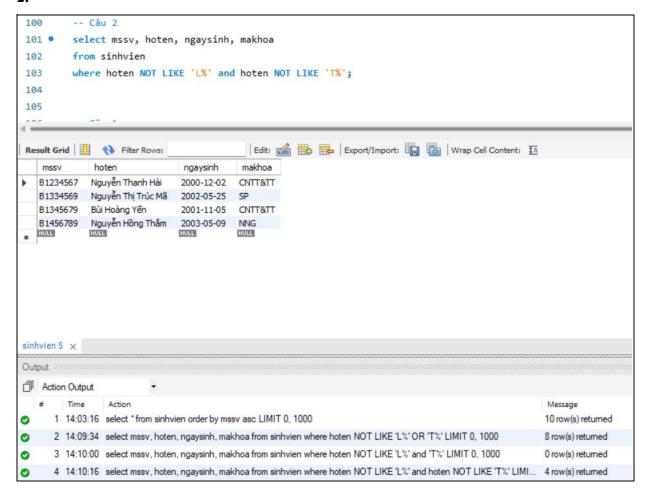
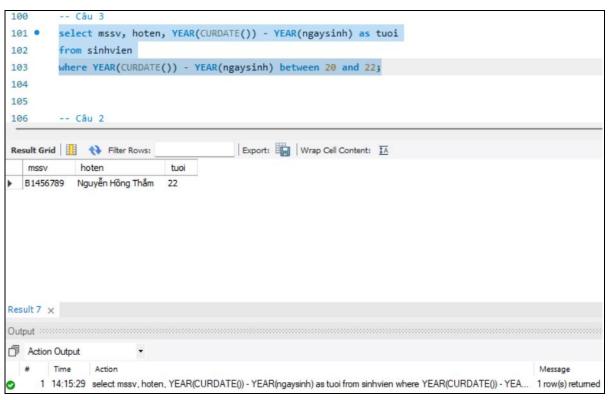
# QUẢN TRỊ ĐỮ LIỆU - CT467 BÀI THỰC HÀNH 1 - GIỚI THIỆU MYSQL

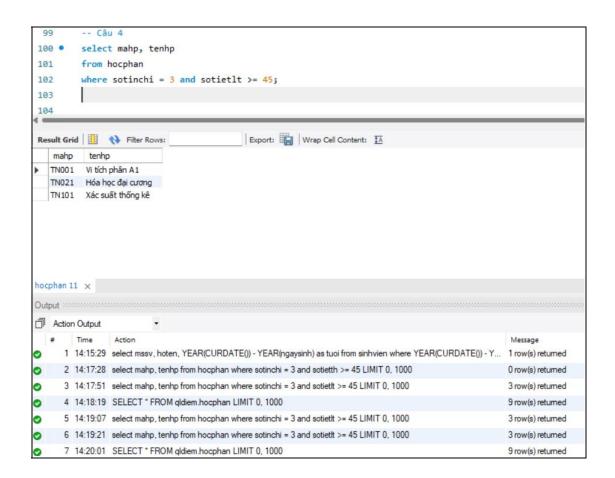
&-&

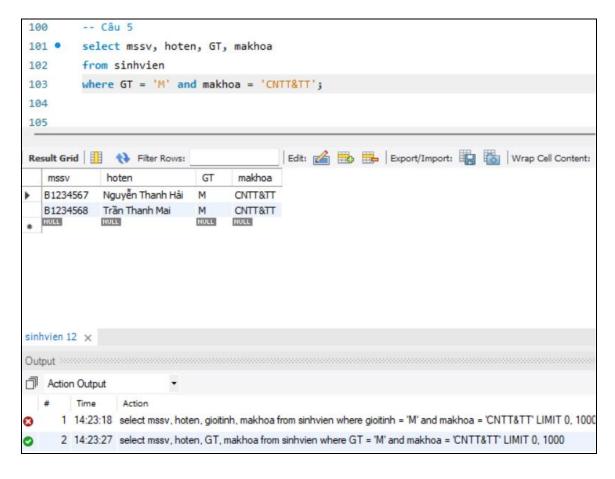
## Bài 1: Câu lệnh SQL không kết nối







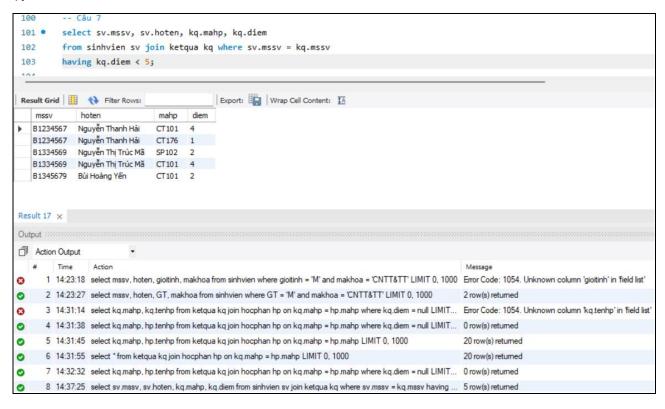




## Bài 2: Câu lệnh SQL có kết nối

## 6.

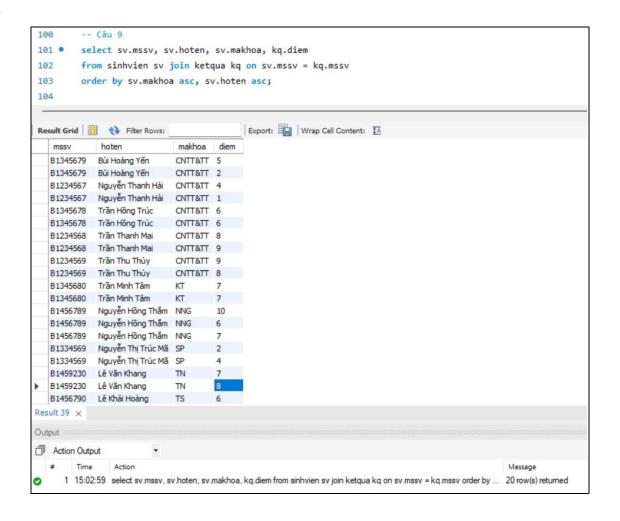


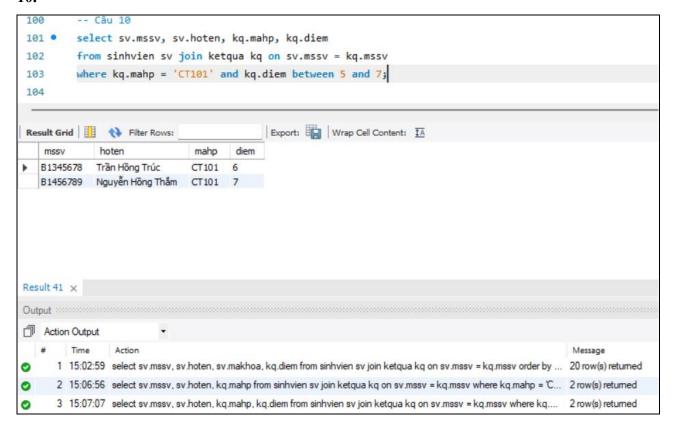


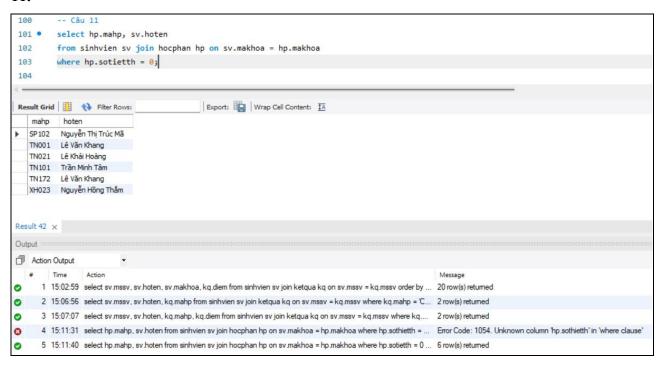
```
101 •
           select sv.mssv, sv.hoten
 102
            from sinhvien sv join ketqua kq1 on sv.mssv = kq1.mssv and kq1.mahp = 'CT101'
 103
                                      join ketqua kq2 on sv.mssv = kq2.mssv and kq2.mahp = 'CT176';
 104
 Export: Wrap Cell Content: IA
   B1234568 Trần Thanh Mai
    B1345679 Bùi Hoàng Yến
   B1234567 Nguyễn Thanh Hải
Output :::
Action Output
      1 14:51:53 select sv.mssv, sv.hoten from sinhvien sv.join ketqua kq on sv.mssv = kq.mssv where kq.mahp = 'CT101' or ...
2 14:52:02 select distinct sv.mssv, sv.hoten from sinhvien sv.join ketqua kq on sv.mssv = kq.mssv where kq.mahp = 'CT... 7 row(s) returned
       3 14:52:15 select distinct sv.mssv, sv.hoten from sinhvien sv.join ketqua kq on sv.mssv = kq.mssv where kq.mahp = 'CT... 7 row(s) returned

    4 14:52:15 select * from ketqua LIMIT 0, 1000

                                                                                                                        20 row(s) returned
       5 14:52:42 select distinct sv.mssv, sv.hoten from sinhvien sv.join ketqua kq on sv.mssv = kq.mssv where kq.mahp = CT...
6 14:52:50 select distinct sv.mssv., sv.hoten from sinhvien sv.join ketqua kq on sv.mssv = kq.mssv where kq.mahp = "CT.... 0 row(s) returned
       7 14:53:00 select distinct sv.mssv, sv.hoten from sinhvien sv.join ketqua kq on sv.mssv = kq.mssv where kq.mahp = °CT... 7 row(s) returned
8 14:54:00 select sv.mssv, sv.hoten from sinhvien sv.join ketqua kq on sv.mssv = kq.mssv where kq.mahp IN (CT101', .'... 7 row(s) returned
       9 14:54:09 SELECT * FROM gldiem.ketqua LIMIT 0, 1000
                                                                                                                        20 row(s) returned
0
     10 14:54:33 select *from ketqua LIMIT 0, 1000
                                                                                                                        20 row(s) returned
     11 14:55:02 select *from ketqua group by mahp LIMIT 0, 1000
                                                                                                                        Error Code: 1055. Expression #1 of SELECT list is not in GROUP BY clause and contains nonaggregated of
    12 14:55:14 select *from ketqua LIMIT 0, 1000
                                                                                                                        20 row(s) returned
      13 14:56:45 select sv.mssv, sv.hoten from sinhvien sv.join ketqua1 kq1 on sv.mssv = kq1.mssv and kq1.mahp = 'CT101' j... Error Code: 1146. Table 'qldiem.ketqua1' doesn't exist
   14 14:56:54 select sv.mssv, sv.hoten from sinhvien sv.join ketqua kq1 on sv.mssv = kq1.mssv and kq1.mahp = 'CT101' jo... Error Code: 1054. Unknown column k2.mahp' in 'on clause
      15 \quad 14:57:03 \quad \text{select sv.mssv, sv.hoten from sinhvien sv.join ketqua kq1 on sv.mssv = kq1.mssv and kq1.mahp = 'CT101' jo... \quad 3 \text{ row(s) returned}
```

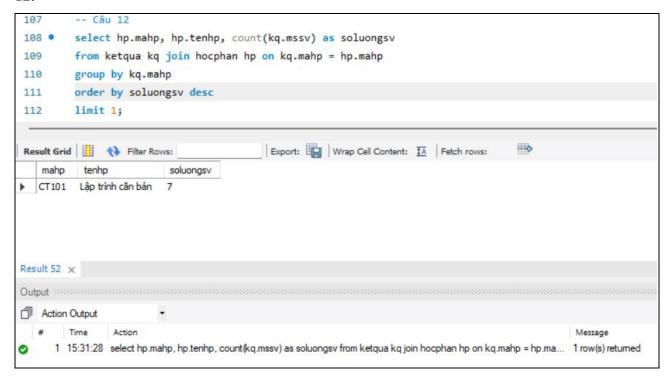


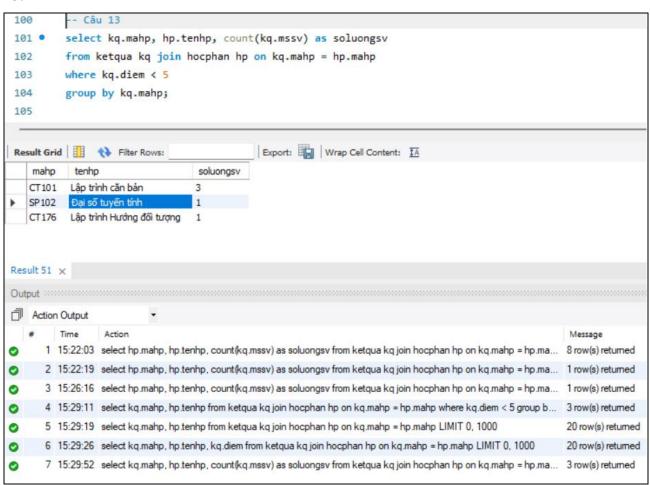


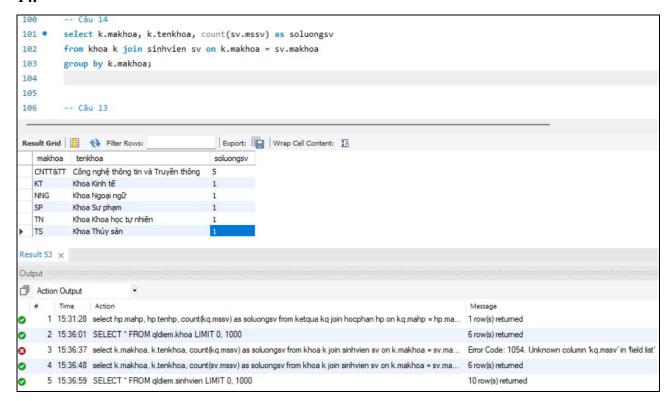


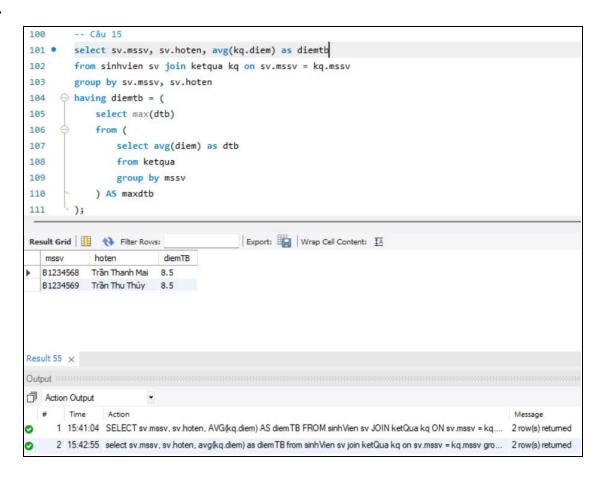
## Bài 3: Câu lệnh SQL có phân nhóm

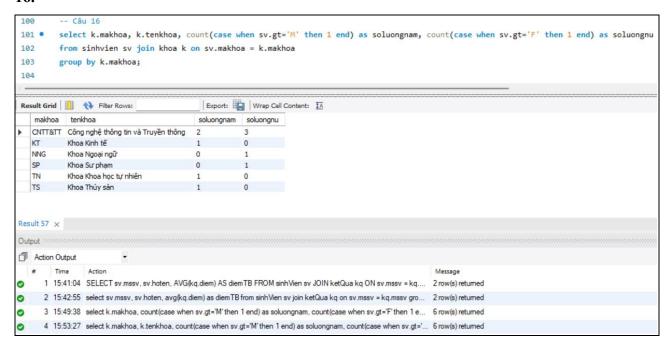
#### 12.

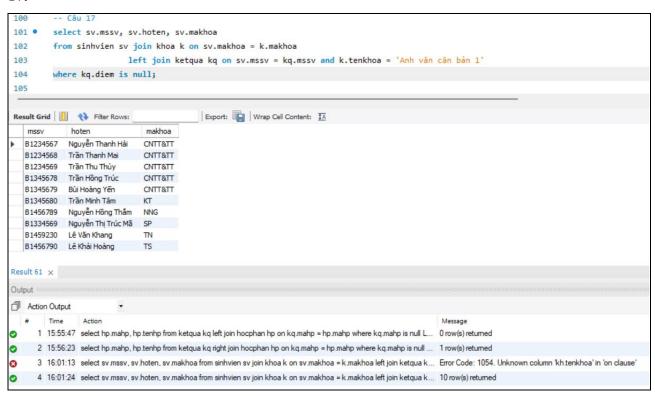


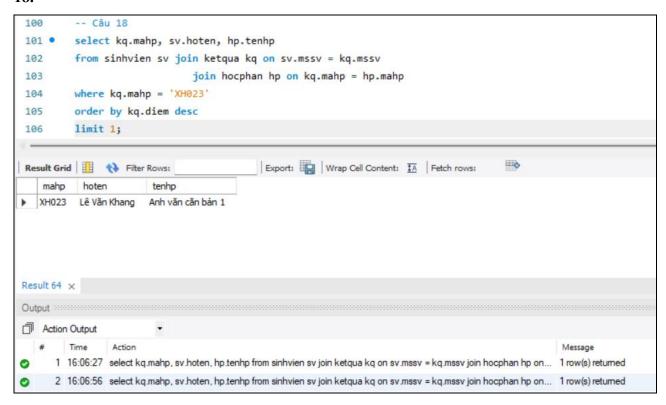






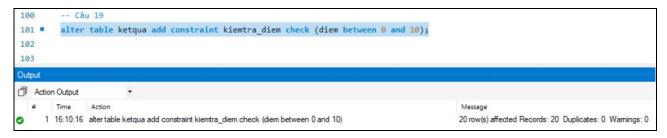




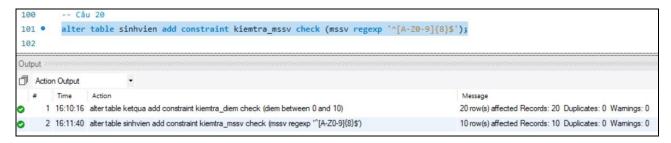


## Bài 4: Kiểm tra tính toàn vẹn dữ liệu

## 19.



## 20.



--HÉT--