

```

+-----+
| Tables_in_turner |
+-----+
| branches          |
| employee          |
| tb2               |
+-----+
3 rows in set (0.00 sec)

mysql> alter branches rename to department;
ERROR 1064 (42000): You have an error in your SQL
statement; check the manual that corresponds to your
MySQL server version for the right syntax to use near
'anches rename to department' at line 1
mysql> alter table branches
-> rename to department;
Query OK, 0 rows affected (0.01 sec)

mysql> show tables
-> ;
+-----+
| Tables_in_turner |
+-----+
| department        |
| employee          |
| tb2               |
+-----+
3 rows in set (0.00 sec)

```

1. I updated the name of the branches table to department.

```

mysql> insert into department values
-> (1,'Accounting'),
-> (2,'Human Resources'),
-> (3,'Information Systems'),
-> (4,'Marketing');
Query OK, 4 rows affected (0.02 sec)
Records: 4  Duplicates: 0  Warnings: 0

mysql> select * from department;
+-----+-----+
| Department_ID | Department_Name |
+-----+-----+
| 1             | Accounting      |
| 2             | Human Resources |
| 3             | Information Systems |
| 4             | Marketing       |
+-----+-----+
4 rows in set (0.00 sec)

```

2. Inserted fields into department table

```
mysql> select first_name,last_name,department.department_name
-> from employee
-> inner join department on employee.department_id = department.department_id
-> where employee.department_id = 1;

+-----+-----+-----+
| first_name | last_name | department_name |
+-----+-----+-----+
| John       | Smith    | Accounting       |
| Jamie      | Turner   | Accounting       |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select first_name,last_name,department.department_name
-> from employee
-> inner join department on employee.department_id = department.department_id
-> where employee.department_id = 2;

+-----+-----+-----+
| first_name | last_name | department_name |
+-----+-----+-----+
| Mary       | Jones    | Human Resources |
| John       | Mulaney  | Human Resources |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select first_name,last_name,department.department_name
-> from employee
-> inner join department on employee.department_id = department.department_id
-> where employee.department_id = 3;

+-----+-----+-----+
| first_name | last_name | department_name |
+-----+-----+-----+
```

```
mysql> select first_name,last_name,department.department_name
-> from employee
-> inner join department on employee.department_id = department.department_id
-> where employee.department_id = 4;

+-----+-----+-----+
| first_name | last_name | department_name |
+-----+-----+-----+
| Gwen       | Johnson   | Marketing        |
| Michael    | Jones     | Marketing        |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

3. Performed joins between department and employee tables

```

mysql> select first_name,last_name,department.department_name from employee
-> inner join department on employee.department_id = ddepartment.department_id
-> where employee.department_id = 1;
ERROR 1054 (42S22): Unknown column 'ddepartment.department_id' in 'on clause'
mysql> select first_name,last_name,department.department_name from employee
-> inner join department on employee.department_id = department.department_id
-> where employee.department_id = 1;
+-----+-----+-----+
| first_name | last_name | department_name |
+-----+-----+-----+
| John       | Smith    | Accounting      |
| Jamie      | Turner   | Accounting      |
| Leroy      | Cappy    | Accounting      |
| Cuba       | Gooding  | Accounting      |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select first_name,last_name,department.department_name from employee
-> inner join department on employee.department_id = department.department_id
-> where employee.department_id = 2;
+-----+-----+-----+
| first_name | last_name | department_name |
+-----+-----+-----+
| Mary       | Jones    | Human Resources |
| John       | Mulaney  | Human Resources |
| Laurence   | Fishburne | Human Resources |
| Walter     | Peoples  | Human Resources |
| John       | Lithgow  | Human Resources |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select first_name,last_name,department.department_name from employee
-> inner join department on employee.department_id = department.department_id
-> where employee.department_id = 3;
+-----+-----+-----+
| first_name | last_name | department_name |
+-----+-----+-----+
| Mary       | Williams | Information Systems |
| Allen      | Payne    | Information Systems |
| Hannibal   | Lee      | Information Systems |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select first_name,last_name,department.department_name from employee
-> inner join department on employee.department_id = department.department_id
-> where employee.department_id = 4;
+-----+-----+-----+
| first_name | last_name | department_name |
+-----+-----+-----+
| Gwen       | Johnson   | Marketing        |
| Michael    | Jones     | Marketing        |
| Courtney   | Vance     | Marketing        |
| Andre      | Braugher  | Marketing        |
| Mekhi      | Phiifer   | Marketing        |
+-----+-----+-----+
5 rows in set (0.00 sec)

```

5. Performed join across employee and department tables with new employees entered

```
codio@scalesabrina-numberspoon:~/workspace$ pwd
/home/codio/workspace
codio@scalesabrina-numberspoon:~/workspace$ ls
change_perm.sh  FleetMaintenanceRecords.csv  mysqlsampledatabase.sql  __pycache__  rma.csv  staruml
customers.csv   HRandIS-Employees.csv        orders.csv                README.md    sqlite  tkinterpy
codio@scalesabrina-numberspoon:~/workspace$ cat HRandIS-Employees.csv
Mary,Jones,Human Resources
Mary,Williams,Information Systems
John,Mulaney,Human Resources
Allen,Payne,Information Systems
Laurence,Fishburne,Human Resources
Walter,Peoples,Human Resources
Hannibal,Lee,Information Systems
John,Lithgow,Human Resources
codio@scalesabrina-numberspoon:~/workspace$
```

7. Created CSV file and performed cat command to show 8 employee record in file