1. Create a database with name entry

2. Create a table student with columns id primary key auto increment, first\_name not null, last\_name;

3. Alter table and add column age and dept Insert values (Maria, Gloria, CS, 22), (John, Smith,IT, 23), (Gal, Rao, CS,22),(Jakey, Smith,EC,24),(Rama,Saho,IT,22),(Maria,Gaga,EC,23)

4. Select all items in student table

5. Select student names if last name = 'Smith'

```
Command Prompt - mysql - uroot -p

2 rows In set (0.00 sec)

mysql > SELECT first_name_last_name,age FROM Student WHERE last_name = 'Smith';

| first_name | last_name | age |

| John | Smith | 23 |

| Jakey | Smith | 24 |

2 rows In set (0.00 sec)
```

6. Order students with their department desc and age asc

7. Select students with age is grater than or equal to 23 and department EC

8. Select students where department CS or IT

```
2 rows in set (0.00 sec)

mysql> SELECT *FROM Student
-> WHERE department IN ('CS','IT');

id first_name | last_name | department | age |

1 | Maria | Gloria | CS | 22 |

2 | John | Smith | IT | 23 |

3 | Gal | Rao | CS | 22 |

5 | Rama | Shao | IT | 22 |

4 rows in set (0.00 sec)

mysql>
```