SELECT \*

FROM apply;

SELECT \*

FROM major;

SELECT \*

FROM student

WHERE entry\_test\_marks>50 and fsc\_marks>50 and fsc\_marks<75;

SELECT student\_id

FROM apply

WHERE major\_name="bscs" or major\_name="ai";

SELECT major\_name, total\_credit

FROM major

WHERE dept\_name="se";

SELECT student.student\_id, student\_name, major\_name

FROM student **INNER JOIN** apply **ON** student.student\_id=apply.student\_id;

SELECT student.student\_id, student\_name, major\_name, dept\_name

FROM student **INNER JOIN** apply **ON** student.student\_id=apply.student\_id)

SELECT student.student\_id, student\_name, major\_name

FROM student INNER JOIN apply ON student.student\_id=apply.student\_id

WHERE major\_name="bscs";

SELECT count(application\_id) AS Total\_Applications\_For\_CS

FROM apply

WHERE major\_name="bscs";

SELECT max(entry\_test\_marks)

FROM student;

SELECT student\_name

FROM student

WHERE student\_id in

(

select student\_id from apply);

SELECT student\_name

FROM student

WHERE student\_id not in

(

select student\_id from apply);

SELECT \*

FROM student

ORDER BY entry\_test\_marks DESC;

INSERT INTO department

VALUES ("Engineering", "Ghazali block", 765);

UPDATE major SET major\_name = "BCS"

WHERE major\_name="BSCS";

SELECT student\_id

FROM student

WHERE student\_id not in

(

select student\_id from apply);

DELETE \*

FROM student

WHERE student\_id not in

(select student\_id from apply);

SELECT student\_id, count(major\_name) AS Total\_Majors\_Applied

FROM apply

GROUP BY student\_id;

SELECT student\_id, count(major\_name)

FROM apply

WHERE major\_name="bcs"

GROUP BY student\_id;

SELECT student\_id, count(major\_name)

FROM apply

GROUP BY student\_id

HAVING count(major\_name)>1;

SELECT name, specialization, rate

FROM employee;

SELECT \*

FROM car INNER JOIN customer ON car.customer\_id=customer.customer\_id

WHERE customer\_name="Shahid Afridi";

SELECT car.vpn, make, model, color

FROM ((customer INNER JOIN car ON customer.customer\_id=car.customer\_id) INNER JOIN workOrderItem ON car.vpn=workOrderItem.vpn) INNER JOIN service ON service.service\_id=workOrderItem.service\_id

WHERE customer\_name="Shahid Afridi" and service\_name="oil change";

SELECT max(cost) AS Most\_Expensive\_Service, name

FROM service;

SELECT \*

FROM employee

WHERE emp\_id not in

(

select emp\_id from workOrderItem);

SELECT \*

FROM author;

SELECT isbn, title, pages, genre, category, price, edition

FROM book INNER JOIN publisher ON book.pub\_id=publisher.pub\_id

WHERE pub\_name="Riley";

SELECT pub\_name

FROM publisher INNER JOIN book ON publisher.pub\_id=book.pub\_id

WHERE title="CSI-Miami";

SELECT \*

FROM author

WHERE country="pakistan";

SELECT min(price)

FROM book;

SELECT \*

FROM book

WHERE category="kids novel";

SELECT \*

FROM publisher

WHERE pub\_name like '%a%';