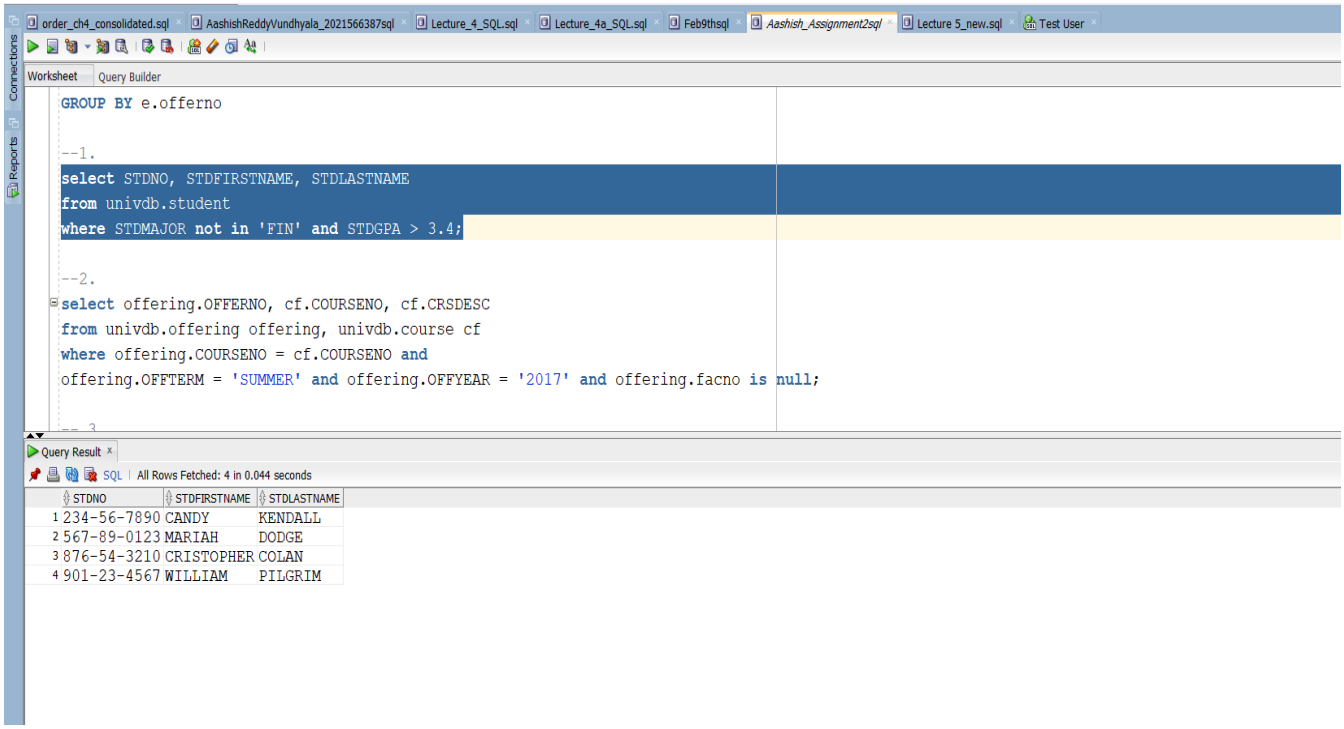
1.)

select STDNO, STDFIRSTNAME, STDLASTNAME

from univdb.student

where STDMAJOR not in 'FIN' and STDGPA > 3.4;



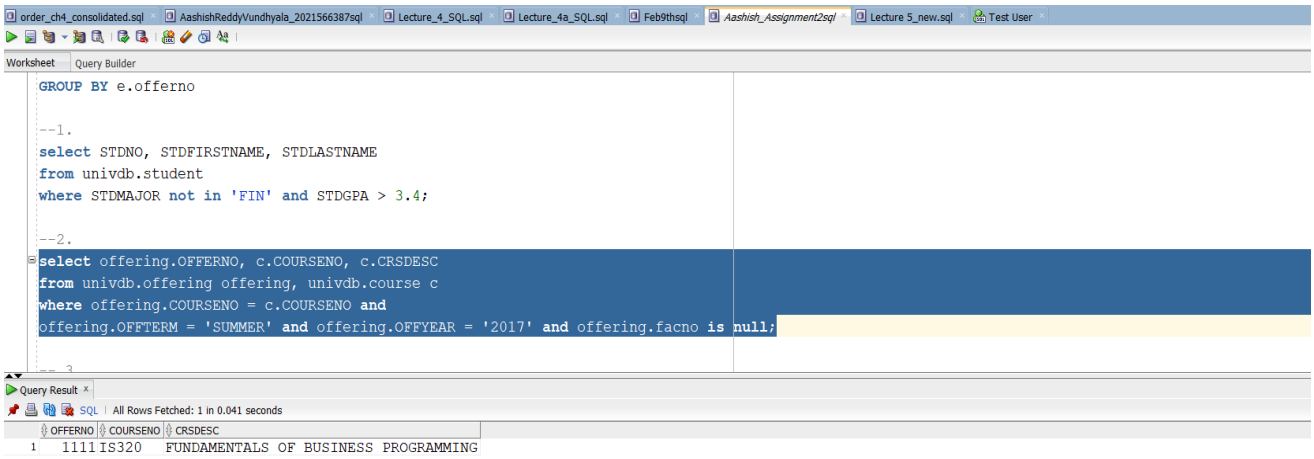
2.)

select offering.OFFERNO, c.COURSENO, c.CRSDESC

from univdb.offering offering, univdb.course c

where offering.COURSENO = c.COURSENO and

offering.OFFTERM = 'SUMMER' and offering.OFFYEAR = '2017' and offering.facno is null;



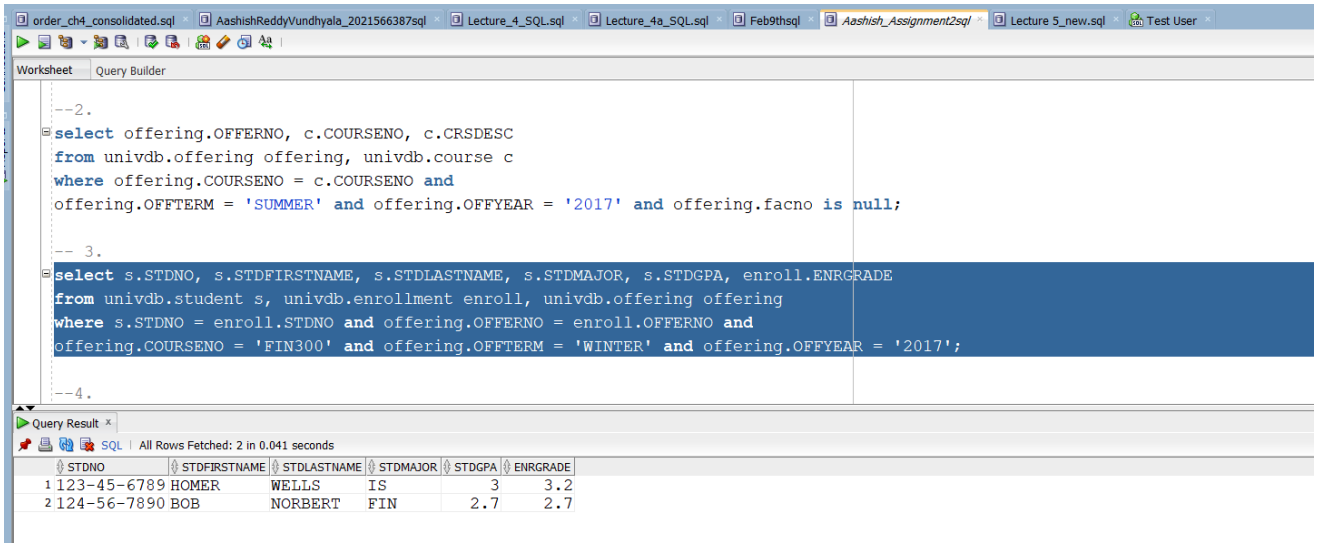
3.)

select s.STDNO, s.STDFIRSTNAME, s.STDLASTNAME, s.STDMAJOR, s.STDGPA, enroll.ENRGRADE

from univdb.student s, univdb.enrollment enroll, univdb.offering offering

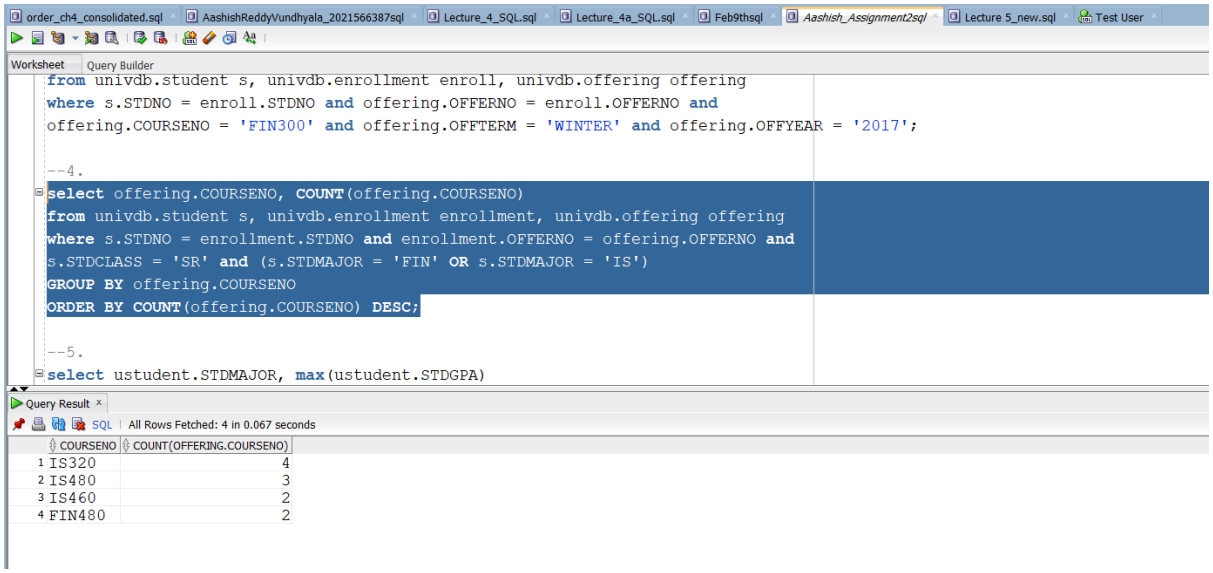
where s.STDNO = enroll.STDNO and offering.OFFERNO = enroll.OFFERNO and

offering.COURSENO = 'FIN300' and offering.OFFTERM = 'WINTER' and offering.OFFYEAR = '2017';



4.)

```
select offering.COURSENO, COUNT(offering.COURSENO)
from univdb.student s, univdb.enrollment enrollment, univdb.offering offering
where s.STDNO = enrollment.STDNO and enrollment.OFFERNO = offering.OFFERNO and
s.STDCLASS = 'SR' and (s.STDMAJOR = 'FIN' OR s.STDMAJOR = 'IS')
GROUP BY offering.COURSENO
ORDER BY COUNT(offering.COURSENO) DESC;
```



5.)

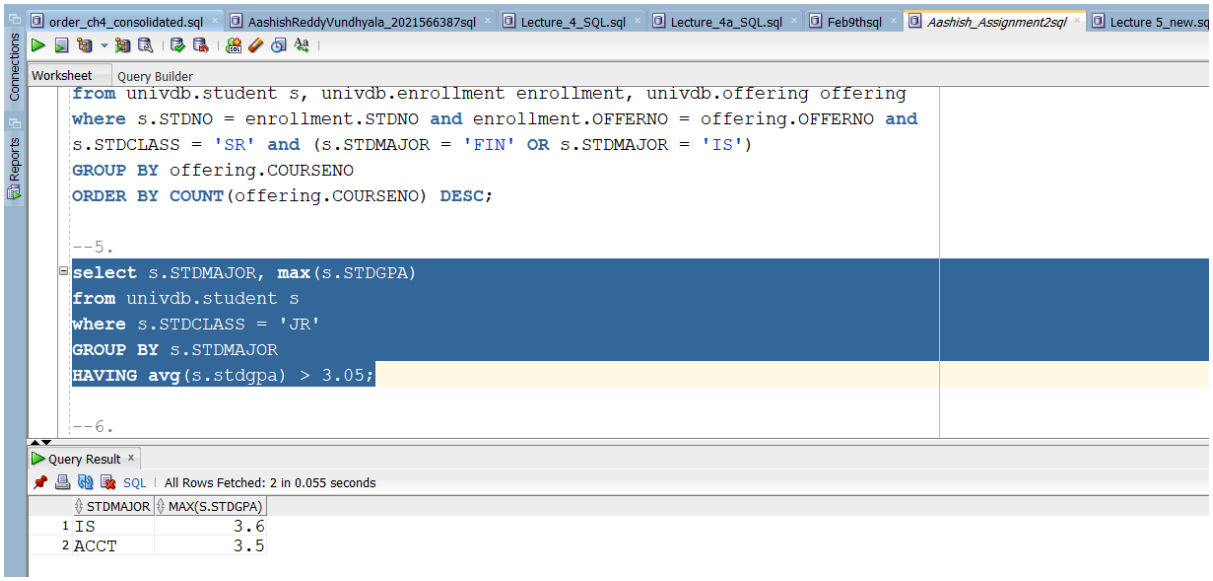
```
select s.STDMAJOR, max(s.STDGPA)

from univdb.student s

where s.STDCLASS = 'JR'

GROUP BY s.STDMAJOR

HAVING avg(s.stdgpa) > 3.05;
```



6.)

SELECT f1.facfirstname, f1.faclastname, offering1.courseno, f2.facfirstname, f2.faclastname

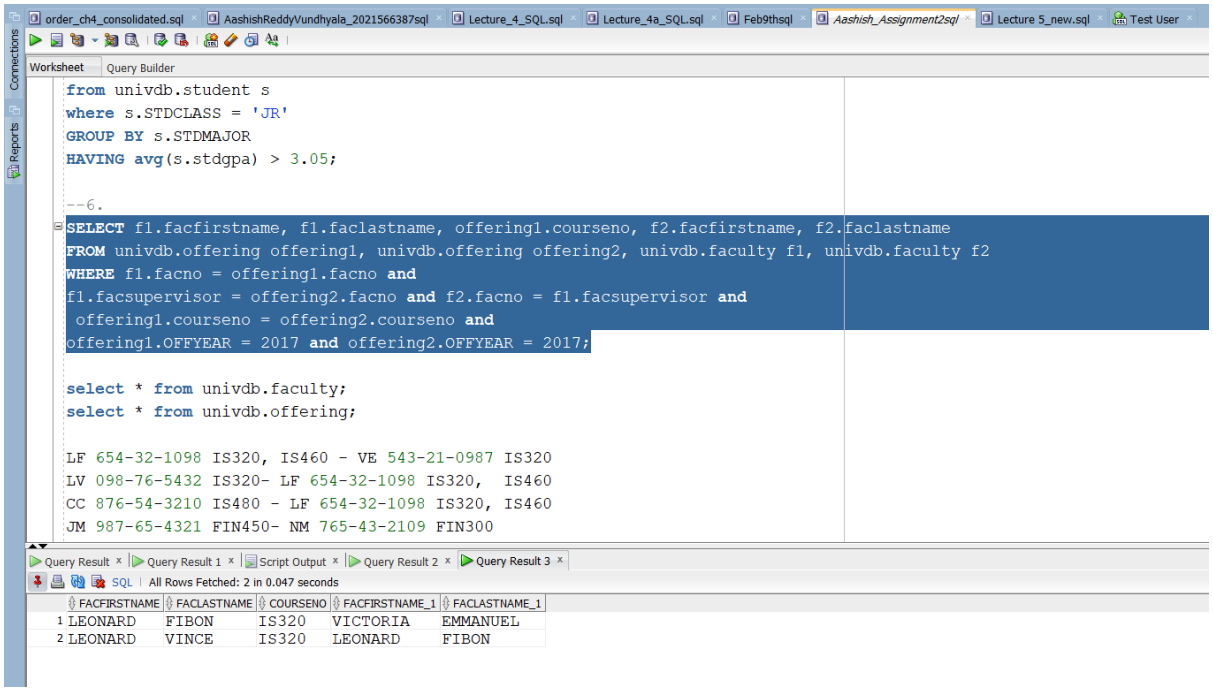
FROM univdb.offering offering1, univdb.offering offering2, univdb.faculty f1, univdb.faculty f2

WHERE f1.facno = offering1.facno and

f1.facsupervisor = offering2.facno and f2.facno = f1.facsupervisor and

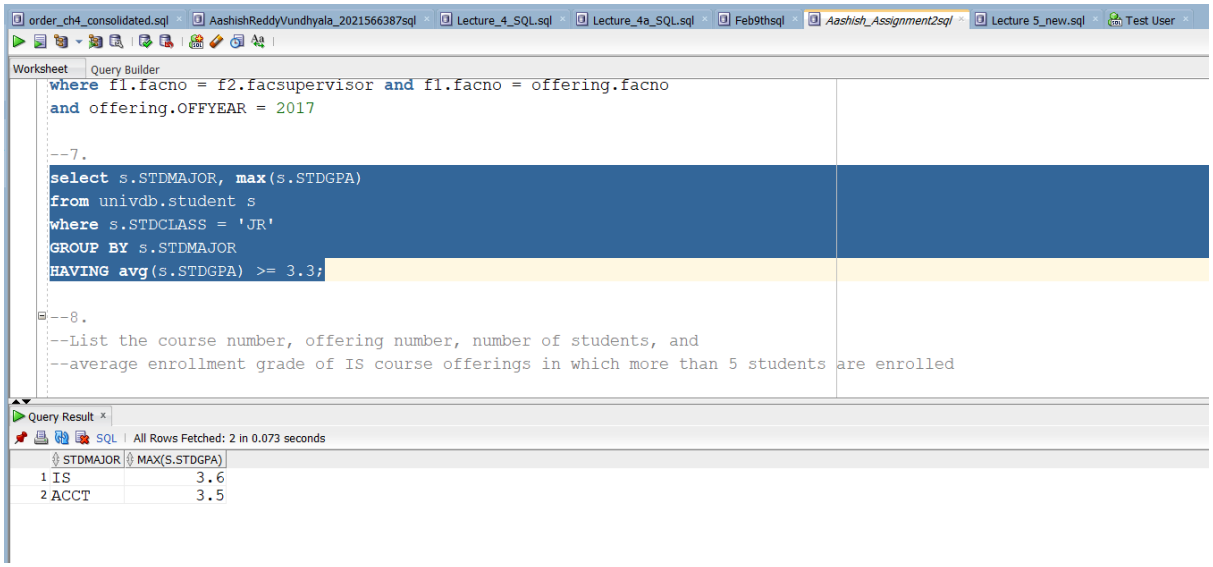
offering1.courseno = offering2.courseno and

offering1.OFFYEAR = 2017 and offering2.OFFYEAR = 2017;



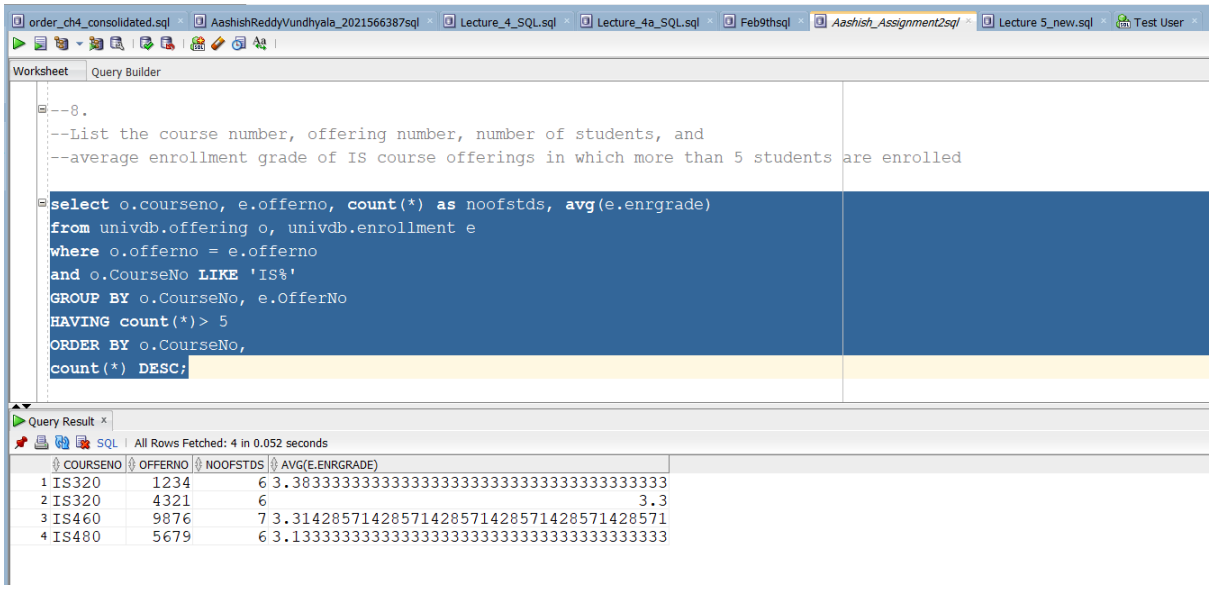
7.)

```
select s.STDMAJOR, max(s.STDGPA)
from univdb.student s
where s.STDCLASS = 'JR'
GROUP BY s.STDMAJOR
HAVING avg(s.STDGPA) >= 3.3;
```



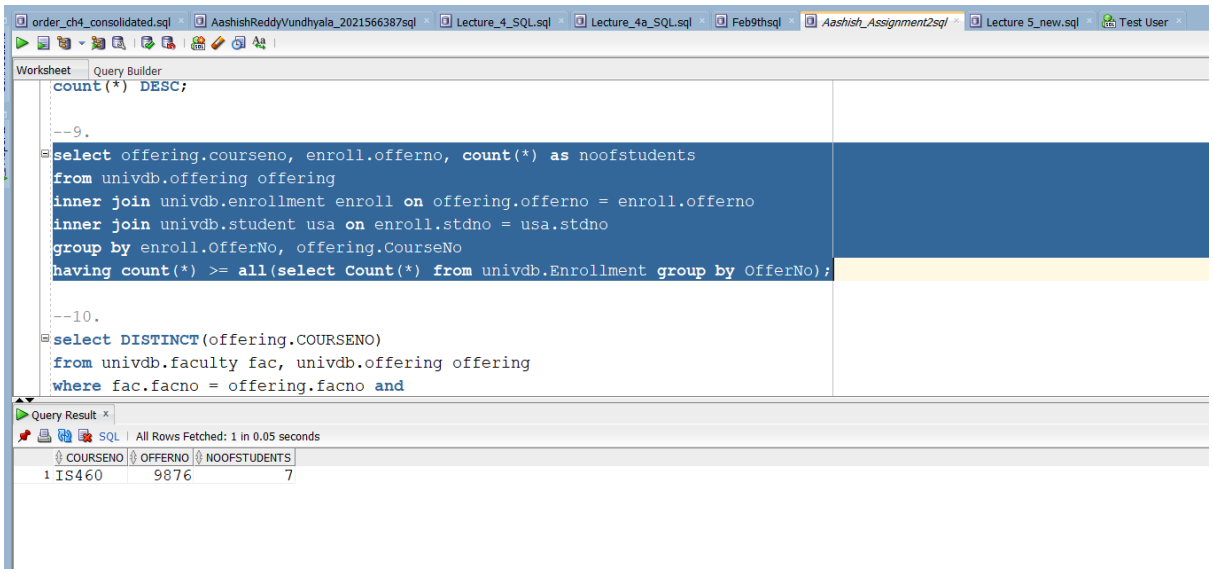
8.)

```
select o.courseno, e.offerno, count(*) as noofstds, avg(e.enrgrade)
from univdb.offering o, univdb.enrollment e
where o.offerno = e.offerno
and o.CourseNo LIKE 'IS%'
GROUP BY o.CourseNo, e.OfferNo
HAVING count(*)> 5
ORDER BY o.CourseNo,
count(*) DESC;
```



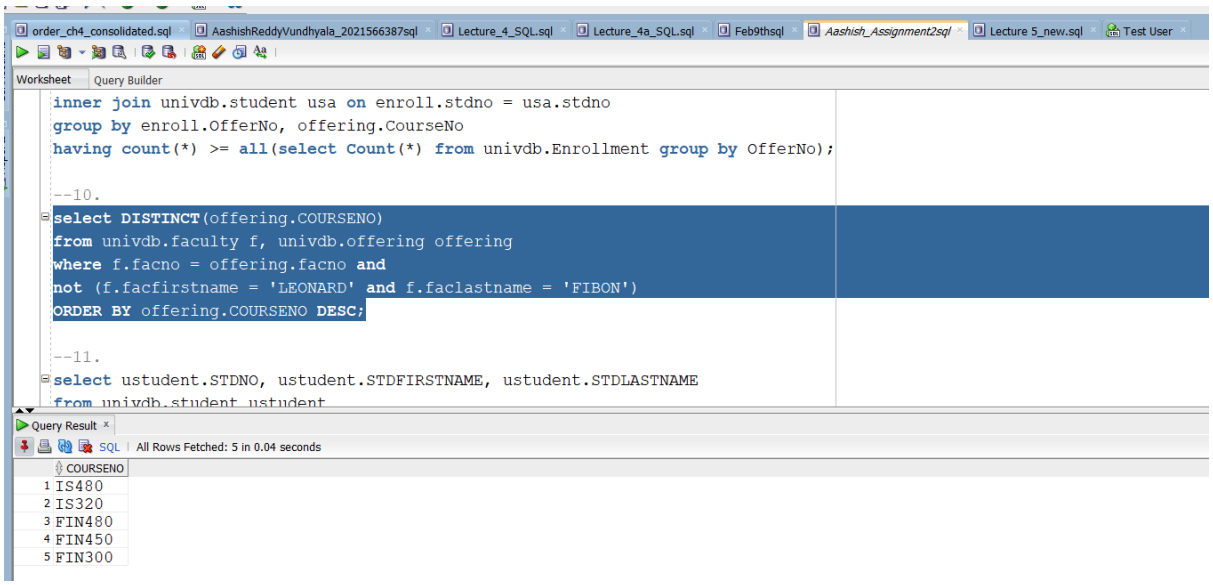
9.)

```
select offering.courseno, enroll.offerno, count(*) as noofstudents
from univdb.offering offering
inner join univdb.enrollment enroll on offering.offerno = enroll.offerno
inner join univdb.student usa on enroll.stdno = usa.stdno
group by enroll.OfferNo, offering.CourseNo
having count(*) >= all(select Count(*) from univdb.Enrollment group by OfferNo);
```



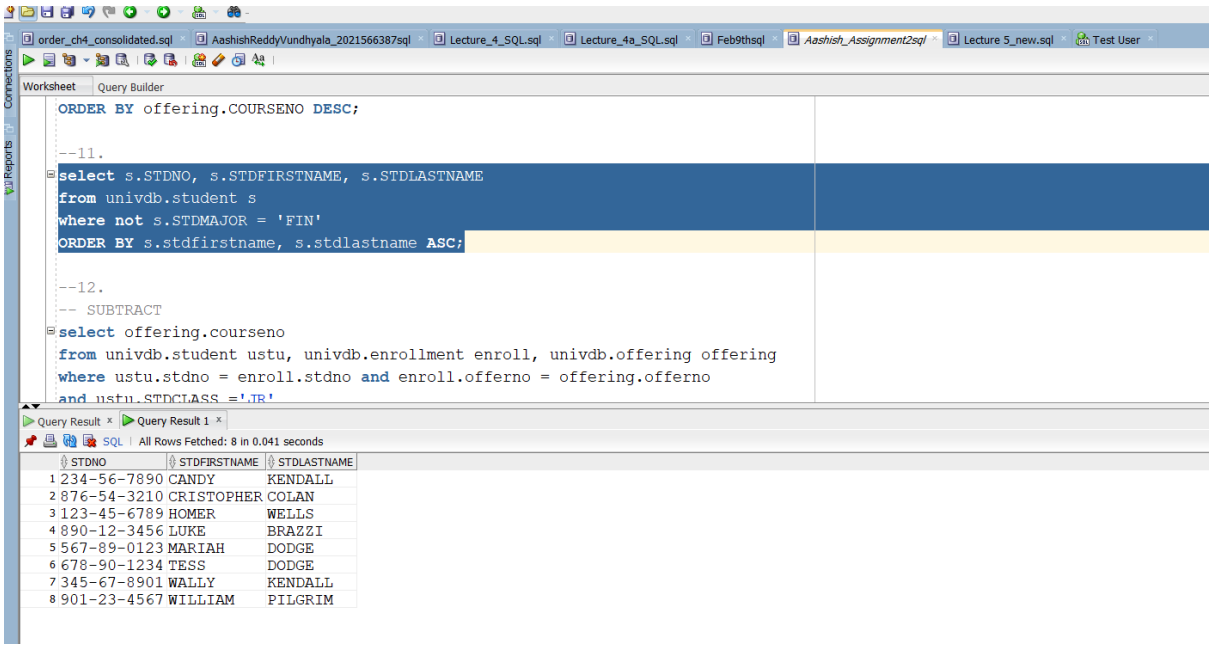
10.)

```
select DISTINCT(offering.COURSENO)
from univdb.faculty f, univdb.offering offering
where f.facno = offering.facno and
not (f.facfirstname = 'LEONARD' and f.faclastname = 'FIBON')
ORDER BY offering.COURSENO DESC;
```



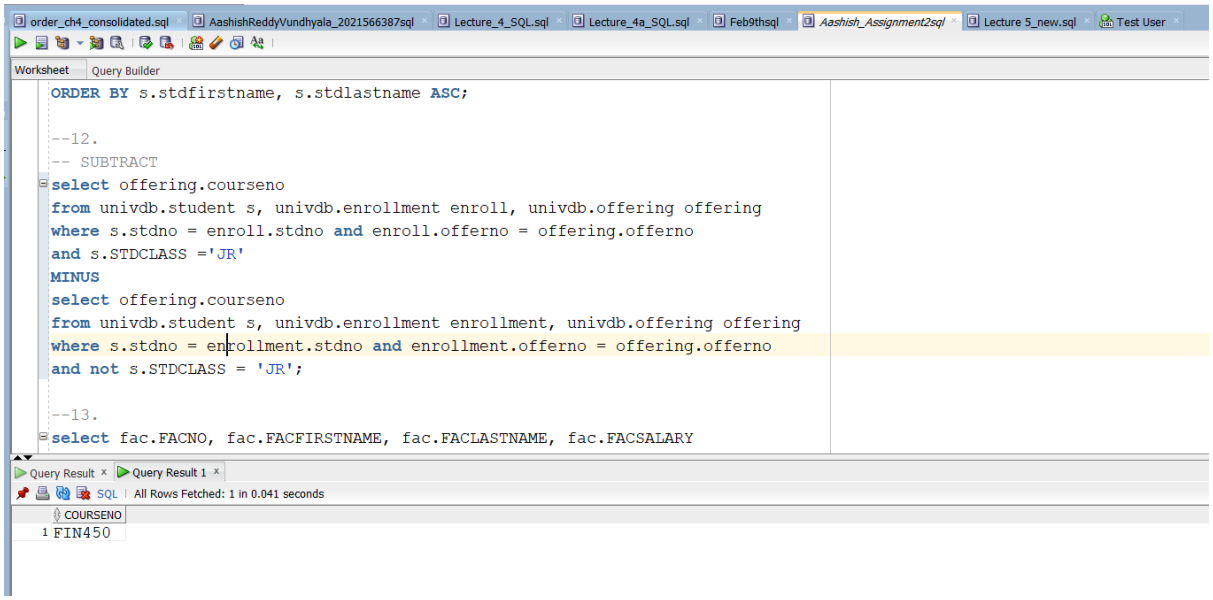
11.)

```
select s.STDNO, s.STDFIRSTNAME, s.STDLASTNAME
from univdb.student s
where not s.STDMAJOR = 'FIN'
ORDER BY s.stdfirstname, s.stdlastname ASC;
```



12.)

```
select offering.courseno
from univdb.student s, univdb.enrollment enroll, univdb.offering offering
where s.stdno = enroll.stdno and enroll.offerno = offering.offerno
and s.STDCLASS ='JR'
MINUS
select offering.courseno
from univdb.student s, univdb.enrollment enrollment, univdb.offering offering
where s.stdno = enrollment.stdno and enrollment.offerno = offering.offerno
and not ustudent.STDCLASS = 'JR';
```



13.)

```
select f.facno, f.facfirstname,f.faclastname,f.facsalary,f.facdept
from univdb.faculty f
join univdb.faculty f1
on f.facsalary = f1.facsalary
where f.facsalary in
(select max(f1.facsalary) from univdb.faculty f1 group by f1.facdept);
```