This query retrieves student’s first name, last name, email and department name who has a gpa less than 2

select s.sname, s.slname, s.semail, s.doid.dep\_name from student\_table s where s.gpa < 2;

SNAME SLNAME

------------------------- -------------------------

SEMAIL

--------------------------------------------------

DOID.DEP\_NAME

--------------------------------------------------

Regan Corn

regan.corn@yorku.ca

Education

Elly Mars

elly.mars@yorku.ca

Computer Science

SNAME SLNAME

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SEMAIL

--------------------------------------------------

DOID.DEP\_NAME

--------------------------------------------------

This query retrieves the graduate students first name, students last name, email, department and gpa who are enrolled in PHD

SQL> select s.sid, s.sname, s.slname, s.semail, s.gpa, s.doid.dep\_name from graduate\_table s where s.degree = 'PhD';

SID SNAME SLNAME

---- ------------------------- -------------------------

SEMAIL GPA

-------------------------------------------------- ----------

DOID.DEP\_NAME

--------------------------------------------------

S012 Jackson Miles

jackmile@yorku.ca 3

Communication and Media

S013 Megan Dale

megandale@yorku.ca 2.5

Space Engineering

SID SNAME SLNAME

---- ------------------------- -------------------------

SEMAIL GPA

-------------------------------------------------- ----------

DOID.DEP\_NAME

--------------------------------------------------

S014 Richmond Hill

richhill@yorku.ca 2.78

Space Engineering

S015 Apple Order

appleorder@yorku.ca 3.45

SID SNAME SLNAME

---- ------------------------- -------------------------

SEMAIL GPA

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DOID.DEP\_NAME

--------------------------------------------------

Education

This query retrieves the courses names and faculty name for the courses taken by student Mesut

Select cs.coid.cname, cs.foid.faculty\_name from section\_table cs

Where cs.soid.sname = 'Mesut';

2

COID.CNAME FOID.FACULTY\_NAME

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Advance DBMS Liberal Arts and Prof. Study

Intro Info Techn Liberal Arts and Prof. Study

This query retrieves student’s first name, last name, email and department name who has a gpa greater than 2

SQL> select s.sname, s.slname, s.semail, s.doid.dep\_name from student\_table s where s.gpa > 2;

SNAME SLNAME

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SEMAIL

--------------------------------------------------

DOID.DEP\_NAME

--------------------------------------------------

Deniz Kaylu

demiz.kaylu@yorku.ca

Information Technology

Tom Mills

tom.mills@yorku.ca

Computer Science

SNAME SLNAME

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SEMAIL

--------------------------------------------------

DOID.DEP\_NAME

--------------------------------------------------

Daniel Witsell

daniel.witsell@yorku.ca

Nursing

Kim Hawk

ki.hawk@yorku.ca

SNAME SLNAME

------------------------- -------------------------

SEMAIL

--------------------------------------------------

DOID.DEP\_NAME

--------------------------------------------------

Law

Zey Tan

zey.tan@yorku.ca

Graduate Programs

Adrian Joy

SNAME SLNAME

------------------------- -------------------------

SEMAIL

--------------------------------------------------

DOID.DEP\_NAME

--------------------------------------------------

adrian.joy@yorku.ca

Communication and Media

Mesut Dag

mesut.dag@yorku.ca

Information Technology

SNAME SLNAME

------------------------- -------------------------

SEMAIL

--------------------------------------------------

DOID.DEP\_NAME

--------------------------------------------------

Tengri Ay

tengri.ay@yorku.ca

Information Technology

8 rows selected.

This query is retrives the student name,student's gpa, course name and the location of the course with "DB001" from section\_table using the student\_id and course\_id foreign key.

select cs.soid.sname, cs.soid.slname, cs.soid.gpa, cs.coid.cname from section\_table cs where cs.location = 'DB001';

SQL> select cs.soid.sname, cs.soid.slname, cs.soid.gpa, cs.coid.cname from section\_table cs where cs.location = 'DB001';

SOID.SNAME SOID.SLNAME SOID.GPA

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COID.CNAME

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Deniz Kaylu 2.75

Intro Info Techn

Daniel Witsell 3.88

First Aid Application

This query retrives the section id, faculty id, student id and the section day from csection table order by the values using the faculty\_id and student\_id foreign key

select cs.section\_id, cs.foid.faculty\_id, cs.soid.sid, cs.day from csection cs order by value(cs);

SQL> select cs.section\_id, cs.foid.faculty\_id, cs.soid.sid, cs.day from csection cs order by value(cs);

SECTI FOID SOID DAY

----- ---- ---- ------------

I008 F003 S006 Friday

I001 F001 S001 Monday

I002 F002 S001 Monday

I006 F003 S006 Monday

I007 F001 S005 Tuesday

I0016 F005 S002 Tuesday

I004 F002 S003 Wednesday

I003 F002 S001 Wednesday

I005 F002 S004 Wednesday

9 rows selected.

Find names of departments which faculty teach sections of courses taken by student Brad Pitt.

select cs.foid.doid.dep\_name, cs.foid.faculty\_name, cs.section\_id from csection cs where cs.soid.sname = 'Brad' and cs.soid.slname = 'Pitt';

SQL> select cs.foid.doid.dep\_name, cs.foid.faculty\_name, cs.section\_id from csection cs where cs.soid.sname = 'Brad' and cs.soid.slname = 'Pitt';

FOID.DOID.DEP\_NAME

--------------------------------------------------

FOID.FACULTY\_NAME SECTI

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Computer Science

Engineering I006

Computer Science

Engineering I008

This query compare the payments made by student together. To see other payments made by the student is less, greater or equal to other students payment

SQL> select p.generateReport(pay\_t('P001', '1200', 'Nov 3, 23', (select ref(ts) from transcript\_table ts where ts.transcript\_id = 'T001'))) from payment\_table p;

P.GENERATEREPORT(PAY\_T('P001','1200','NOV3,23',(SELECTREF(TS)FROMTRANSCRIPT\_TABL

--------------------------------------------------------------------------------

0

-1

-1

SQL> select p.generateReport(pay\_t('P002', '500', 'Nov 3, 23', (select ref(ts) from transcript\_table ts where ts.transcript\_id = 'T001'))) from payment\_table p;

P.GENERATEREPORT(PAY\_T('P002','500','NOV3,23',(SELECTREF(TS)FROMTRANSCRIPT\_TABLE

--------------------------------------------------------------------------------

1

0

-1

SQL> select p.generateReport(pay\_t('P003', '300', 'Nov 3, 23', (select ref(ts) from transcript\_table ts where ts.transcript\_id = 'T001'))) from payment\_table p;

P.GENERATEREPORT(PAY\_T('P003','300','NOV3,23',(SELECTREF(TS)FROMTRANSCRIPT\_TABLE

--------------------------------------------------------------------------------

1

1

0

This query bring the fullname of the given id of the student

SQL> select gr.fullname() from graduate\_table gr where gr.sid ='S017';

GR.FULLNAME()

--------------------------------------------------------------------------------

Johnson Howard

SQL> select gr.fullname() from graduate\_table gr where gr.sid ='S001';

no rows selected

SQL> select cs.soid.sname, cs.soid.slname, cs.soid.gpa, cs.coid.cname from section\_table cs where cs.location = 'DB001';

SOID.SNAME SOID.SLNAME SOID.GPA

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COID.CNAME

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Deniz Kaylu 2.75

Intro Info Techn

Daniel Witsell 3.88

First Aid Application