2a) select ua.nome, count(distinct d.cod\_dep) as 'Total de Departamentos', count(distinct dc.cod\_curso) as 'Total de Cursos', count(distinct a.matr\_aluno) as 'Total de Alunos' from unidade\_academica ua left outer join departamento d left outer join dep\_curso dc left outer join curso c left outer join aluno a on c.cod\_curso=a.cod\_curso on c.cod\_curso=dc.cod\_curso on dc.cod\_dep=d.cod\_dep on d.cod\_ua=ua.cod\_ua group by ua.cod\_ua, ua.nome

2b) select a.nome, d.nome, qtde\_creditos,I\_AP,II\_AP, isnull(cast(AF as char(10)), '--') from curso c inner join aluno a inner join aluno\_disc ad inner join disciplina d on ad.cod\_disc=d.cod\_disc on ad.matr\_aluno=a.matr\_aluno on c.cod\_curso=a.cod\_curso where c.nome like 'Ciencia da Computacao' order by a.matr\_aluno

2c) select p.matr\_professor, isnull(sum(qtde\_creditos),0) 'Quantidade de Creditos', isnull(cast(semestre as char(25)),'Nunca lecionou disciplina')

from unidade\_academica ua inner join departamento d inner join professor p left outer join Prof\_Disc pd inner join disciplina d

on pd.cod\_disc=d.cod\_disc on p.matr\_professor=pd.matr\_professor

where ua.nome like ‘Centro de ciências’ an semestre in (20181, 20172) or semestre is null group by p.matr\_professor, semestre having isnull(sum(qtde\_creditos),0) <8

2d) select matr\_aluno from aluno\_disc ad group by matr\_aluno having (select avg(m.med) from ((select matr\_aluno, (I\_AP+II\_AP+AF)/3 as med from aluno\_disc where matr\_aluno=ad.matr\_aluno and AF is not null) union (select matr\_aluno, (I\_AP+II\_AP)/2 as med from aluno\_disc where matr\_aluno=ad.matr\_aluno and AF is null)) m group by m.matr\_aluno) >=all (select avg(m.med) from ((select matr\_aluno, (I\_AP+II\_AP+AF)/3 as med from aluno\_disc where AF is not null) union (select matr\_aluno, (I\_AP+II\_AP)/2 as med from aluno\_disc where AF is null)) m group by m.matr\_aluno)