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 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 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)
```