



Linnaeus University

## 2DV513 - Database Theory - Assignment 2



*Students*

Albert TÉLLEZ

Heysem ASKAN

*Student IDs*

at222vk, ab224hv

## Contents

### 1 Task 1

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In this section we will use relational algebra to represent the requested queries.

1.  $\pi_{(name)}(\sigma_{(code=2DV513)}(student \bowtie enrolledIn))$
2.  $\pi_{(name)}(\sigma_{(code=2DV513 \ \& \ code=1dv513)}(student \bowtie enrolledIn))$
3.  $\pi_{(lecturer)}(\sigma_{(code=2DV610)}(subject))$
4.  $\pi_{(lecturer)}(\sigma_{(code=1DV513 \ \& \ code=2DV513)}(subject))$
5.  $\pi_{(name)}((subject - \sigma_{lecturer=ilir}subject) \bowtie enrolledIn \bowtie student)$