

INFSCI 2710 \Database Management" | Solutions to Example Final Exam III |

Exercise 1 (SQL Errors)

6 Points

a)

```
SELECT ID, TITLE
FROM FILM
WHERE ID NOT IN(SELECT C.ID FROM CRITIQUE C)
```

✓ Correct

A common mistake was to mark this as incorrect because no tuple variable is declared for FILM and ID is used in the outer query without tuple variable. However, it is legal to leave out the tuple variable name in the FROM clause, then the table name FILM is used as tuple variable name, too. Also, attribute references need only a tuple variable when they would otherwise be ambiguous. But note that the tuple variable C

c) SELECT F.ID, F.TITLE

Exercise 2 (FDs, BCNF)

7 Points

The following example shows that the last answer is not correct:

COURSE		
CRN	TITLE	INSTRUCTOR