Task1 :

* I think this should work alternatively you could again join on the books table to gather the books. It is not specified what a “stream of readings” is in the Question!

Task2 :

* Only some Syntax issues found

Select DISTINCT movedOptmized.bookID

From(

Select b.BookID As bookID, sdb.RoomNo As roomNO

From RFID\_Stream [SIZE 30 MINUTES TIME] AS rs, Books AS b, StaticDB AS sdb

Where b.Tag\_ID == rs.Tag\_ID and sdb.ReaderID == rs.ReaderID

) As movedNotOptmized ,

(

Select DISTINCT b.BookID As bookID, sdb.RoomNo As roomNO

From RFID\_Stream [SIZE 30 MINUTES TIME] AS rs, Books b, StaticDB AS sdb

Where b.Tag\_ID = rs.Tag\_ID and sdb.ReaderID = rs.ReaderID

) As movedOptmized Where movedOptmized.bookID = movedNotOptmized.bookID and movedOptmized.roomNO != movedNotOptmized.roomNO

Task3 :

* Perfekt ☺

Task4 :

* This works for one room but is no general Solution. You could determine this by answering the question if the books appear in different rooms based on the presence in more than one stream

Task5 :

* Based on the assumption, that a book provides and entry every Minute (Note this)