

HOMEWORK 1

INSTRUCTIONS

Due on Friday, Sep. 11, 2015, at class time (2:30PM)

You must submit this assignment electronically, via Blackboard, as a PDF.

Some \LaTeX commands that you may find useful:

- Basic Relational Algebra Operators ($\sigma, \Pi, \times, \cup, -, \rho$)
- Additional RA Operators (\bowtie, \cap, \Join, G)
- Rename operation from class:
 $\Pi_{Name}(Monster) - \Pi_{Monster.Name}(\sigma_{Monster.Level < X.Level}(Monster \times \rho_X(Monster)))$
- Aggregation operation from class:
 $Class \mathcal{G}_{MEAN(FLOOR(XP/25+1))}(Characters)$

QUESTIONS

- (1) Ch.2, problem 2.9
- (2) Ch.2, problem 2.12
- (3) Ch.6, problem 6.4
- (4) Ch.6, problem 6.12