

Adam Stammer

Homework 6

1. $\{t \mid t.name = s.name, s \in \text{student}, \exists z, x \in \text{takes}(s.id=t.id, s.id=x.id, z.year=2009, x.year = 2010, z.dept_name="Biology", x.dept_name="Biology")\}$
2. $\{t \mid t.id = z.id, \exists z, x \in \text{instructor}(z.salary < x.salary)\}$
3. $\{t \mid t.name = s.name, \exists s \in \text{department}, s.budget = z.budget, \exists z \in \text{department}(z.budget \geq x.budget, \forall x \in \text{department})\}$