

**Philosophy 134**  
**Spring, 2005**  
**Homework 1**

**Due: April 11, 2005, in class**

1. Explain the difference between  $SL$ ,  $SI$ ,  $SD$ , and  $SLA$ .
2. Explain the difference between a truth-table and a schema for a truth-table.
3. Give a truth-table for exclusive disjunction.
4. Explain why the operators of  $SL$  are used as names of themselves.
5. Given only the information that  $\alpha$  is true and  $\beta$  is true, should we say that  $\alpha$  implies  $\beta$ ? Why or why not?