

Programing Assignment #9

CSCE 625 - Artificial Intelligence

Spring 2015

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1. The source code I turned in includes "OpersGenerator.java", "GoalRgr.java", "init.kb", "blocksworld.opers", "transcript_former.txt".
2. "blocksworld.opers" is the generated file of operators, "OpersGenerator.java" is the script used to generate it. Compile with command "javac OpersGenerator.java", then run with command "java OpersGenerator", you will get "blocksworld.opers".
3. Compile with command "javac GoalRgr.java", then run with command "java GoalRgr blocksworld.opers init.kb", then you can type in a goal state, shown in Fig 1. The transcript will be saved in "transcript.txt".



```
C:\Users\001\Desktop\AI_hw9>java GoalRgr blocksworld.opers init.kb
Enter the goal. on(a,c)
on(a,c)
```

Fig 1

4. "transcript_former.txt" is the transcript for the following problems:

on(a,c)

on(b,a)

on(a,c) holding(b)

on(a,d)

on(a,d) on(d,b)