

Homework Assignment #4

(as email due: Thursday, January 29, 8:00 am)

1. At the beginning of next class, your **bibliography/model** is due. You find a more detailed description about the bibliography/model on our webpage

http://www.eg.bucknell.edu/~kvollmay/caps_s2009/

Although usually Homework Assignments are answered as email, for this project assignment I would like a hardcopy of your bibliography/model at the beginning of our Thursday class. Here the summary of what the bibliography/model should include:

- references of at least five scientific papers which specify model & background of your project
- reference of at least one book
- any further references, which might be useful
- hard-copy of paper(s) which describes best the model you will use (In case of a book being your major source, just make a copy of the appropriate page(s). In case you will develop your own model, then make copies of the appropriate references which identify the main parameters and known facts you will use.)
- Describe model with as complete set of rules as possible (one or more pages.)

2. I have met meanwhile with almost everybody of you for office hours. You have a very exciting set of projects and have done a great job of finding references and your model. I would like you to share your projects on Thursday in class in seminar form. Please think how you can describe to everybody in class your model. You might want to bring a transparency and/or write some on the white board. There is no written answer necessary to this question.

3. Finish today's in-class work 7a-c.. Copy your programs into your share.dir and make them readable. Answer to this question should be the filenames of your programs. I will check your programs, so please let me know as soon as possible, once you finished your programs.

4. Read about "game of life" and cellular automata. As answer to this question keywords and/or cool web pages or other sources like books are fine. Purpose of this question is to make your mouth watery for our next course material.

5. **Comments:** What of this assignment was most difficult and/or most interesting? Do you have any comments about last class and/or this course?

Solutions to programs for previous in-class work are e.g.

`~ kvollmay/sunhome/classes.dir/capstone_s2009.dir/unix_C++_intro.dir/C++2a.cc`