DAILY ASSIGNMENT

announcements: We will meet on Wednesday, February 16, in Dana 314.
due: Wednesday noon, February 16
Send your answers to me via email (kvollmay@bucknell.edu).

On Wednesday we will use our program of game of life, modify it and analyse its behavior.

1. Finish the exercises of our Monday class (Febr. 14). Make sure that you get the same result for 2. as the hand-out. Summarize your results of 4. and 5.

2. On Wednesday we will also use the Moore neighborhood for the game of life. Write a function for the Moore neighborhood and call it in your program instead of the Neumann neighborhood. Check your program by comparing your result with the one on the hand-out. Send your source code to me. What do you observe?

3. On Wednesday we will colorcode our printout of each state with “echoing”:
   
   • For each alive cell which stays alive print out “2”
   • For each alive cell which dies print out “1”
   • For each dead cell which is born print out “-1”
   • For each dead cell which stays dead print out “-2”

   Think already, how you will program this on Wednesday. Why do you think is echoing useful? Which information can we obtain with it?

4. With which exercises of Monday or questions of this daily assignment did you have most difficulties and/or what was most interesting to you?