Homework Assignment #15
Due Thu, March 9, 8am, in ~/share.dir with read permission

1. First Version of Your Main Project Program:

Start with indicating on your flow chart in which order you will implement each part of your flow chart. For example almost all of your projects start with some initialization, so write a "1" next to the initialization box of your flow chart. Many of you have a time-loop, most likely you will not want to implement the time-loop next (unless you set your loop to do only one single step) but instead look for the most inner loop you will need to program and work on these commands first.

After having a plan for the order of writing the pieces of your program, start with "1", program it, and test it. Then work on "2" and test it, etc.

The first version of your main project program will be due March 9. You might want to start working on the core pieces of your main project program. My major advice, however, is that you write your program successively. Do not write the whole program at once, but instead step by step and test each step as you go.

As always, please feel free to come for questions. Office hours are always M 1-2, WF 1-3pm. Only by trying to write the program, will you realize what your questions are. I hope that you will enjoy this type of puzzle solving. (I do very much, so I am always happy to think about questions/tasks you run into with your project.)

By Thu, March 9, 8am, put your python-program in your ~/share.dir/ and give read permission, so

```
cp programname.py ~/share.dir/
chmod a+r ~/share.dir/programname.py
```

where programname.py is your python-program.

2. Outlook/Future:

We entered now in the course the phase where your efforts will go fully into your main projects. You will need a lot of hours for writing your program and the analysis of your main project. To ensure you that you can fully use your homework time, you will not get homework on in-class topics. Even mini-projects II & III will happen exclusively in class. This requires from you that you keep dedicating outside of class time for this course, so work into your schedule to work steadily on your main project. The tasks are too large for single nights. As you learned in each others main project talks, you all have done a great job with your projects. Very cool! My compliments!

3. Comments:

Please let me know in case of any comments on the course. We still have a lot of weeks, so I can incorporate any adjustments for our class.