The first problem set involves designing finite automata that accept a variety of given languages. We will be using “Automata Tutor” for this problem set, which will provide feedback and automatic grading.

1. Sign up for an account on AutomataTutor: Visit [http://automatatutor.com/](http://automatatutor.com/) and click on “Sign Up”. Make an account using your name and Penn email address (since it is important that the information for your account match the information in the student directory).

2. Log in, and click on “Courses”. There will be a form under the heading “Enroll in Courses”. Enter the following information. Course ID: 108CIS262 Password: BTJBTJXN

3. Play with the system a bit to learn the interface for drawing automata. Click on “Practice Problem Sets” for some practice problems. These are not graded.

4. Click on “Courses”, and “Show” for your course CIS 262. This will show you your 10 graded problems. You have between 1 and 3 tries to get the correct solution to each problem.

If you run into any trouble, post questions on Piazza.