

To use the JJ environment on the Netscape browser;
and similarly in other browsers such as Explorer
(see the screen-shots on the next pages)

Use the web browser and go to:

<http://jj.caltech.edu/>

Register as a student, with your name, password, and school identifier;
you do this only once, so remember these.

1. Log onto the above site, with your name, password, and school id.

A page comes up consisting of 3 windows:

a left window, where you type the JJ code,

a right window, where the java code ultimately appears, and

a lower window, which tells you what is happening, indicates errors, etc

2. Type your JJ code into the window at the left; it serves as a very simple editor.

Remember that JJ is case-sensitive. Also, indent carefully.

You could also use another editor (or word processor), copy from it and paste into the left hand JJ window. Then save it, so that on failure nothing is lost.

3. Convert your JJ code into Java by clicking on the big "CheckIt" button between the windows. If there are any errors you can make changes in the left window and click "CheckIt" again until no further errors are detected. Then the converted JJ code appears as Java code in the right-hand window.

4. Run (execute) your program by clicking on the "checkItOut" button at the bottom right hand side.

An output page appears, which you may resize, to make larger.

It has a "Start" button at the top right; click it to begin the program.

If input is requested, you can enter a value into the input box at the button left, and click on the button "Press to enter input" at the bottom right.

To clear the output page press the "Clear Output" button on the top left.

5. Rerun the program for any number of test runs repeatedly, by pressing the Start button.

6. If you wish to make changes to the code then you must go back to the left window, edit it, Check it, and CheckItOut again. However, you must be careful that it does not run the previous version! To run the new version (from the output page) hold down shift as you click on the "reload" button in the browser.

7. To capture the JJ program window or the output window, first click anywhere in the window, then select the part you wish (with command-a), copy it (with command-c), and paste it into an editor (with command-v). You could paste both code and output together, thus saving trees. You could also change the font to a monospaced font such as "Courier". Then send the file to a printer.