

LAB #8

DECISIONS, DECISIONS

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This lab should be completed during the scheduled lab sessions. In order to complete this lab you must demonstrate programs to your lab TA. The technical knowledge on how to accomplish these tasks is found in the assigned reading or the lecture notes, but the lab TA will help as well.

The BlueJ IDE will be appropriate for this assignment, but it is not required.

1. Write a JAVA Applet to calculate a US taxpayer's income tax.
 - Your Applet should use a popup to ask the user how much money they make in one year.
 - Your Applet should use an "if" statement to figure out the percentage of income a person is supposed to pay.
 - Your Applet should then paint a message on the screen telling the user how much tax to pay
 - Example:
 - "You made \$20,000 .
 - You owe \$3000 in taxes.
 - You get to keep \$17,000
 - You can use the data for a "single" person found at:
<http://www.enterprisefunds.com/education/tax/brackets.asp>
2. Transfer your html and class file to your "public_html" directory on troi. For your lab document, use a screen shot of your applet running off of troi, rather than off the local disk.
3. Cut and paste your source code and screen shots of your running program into your lab document and hand it in. If you use electronic hand in, be sure to demo your running code to your TA so that the TA has a record of "checking you off" as having done this lab.

NOTE: Electronic hand in should be working at this point. Attempt to submit your lab work through the homework drop box in WebCT. However, we should view this as a test. If you encounter any problems, revert to paper based hand in.