//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

// Purpose: Compute personal income taxes.

// Input: Name, status, and annual income

// Output: name, status, annual income, and tax due

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// Date: 2/7/17

// Course: CS1301B

// Program: #5(MyIncomeTax5.java)

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I learned in this program how to use switch statements and the run argument line.

The switch statements was used to determine which filing you were under. The switch statements depended on what integer you put for each case. The run argument line is where you put your input (name, number of status, and the annual income). This is another way to run the program to print the output for fast testing instead typing from the keyboard. The calculations for single and house hold was pretty straight forward with the if and else if statements. The calculations for the married and married separately was a little more difficult. I had to think that there are two people for the married, so you multiply by two by the single filer. Then, for married separately you had to divide by two from the single filer because the married couple decided to file their own. The print output was straight forward and made sure my indentions were lined up and documented every method.

i. Have you documented program: Yes

ii. Have you documented each method: Yes

iii. Is your program well structured, aligned, indented, and easy to read: Yes

iv. Does your class compile without syntax errors: Yes

v. Does your program satisfy all the requirements: Yes

vi. Have you submitted the MyIncomeTax5.java file: Yes

vii. Have you submitted the program report: Yes

viii. Have you zipped the source code file (MyIncomeTax5.java) and the report: Yes