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Computer Programming I

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Examination 4

Since I first began Computer Programming I in August I feel I have become a better java programmer. As the semester progressed the programs I have created have become more intricate and show evidence of my programming knowledge increasing.

The programs I wrote earlier in the year were not very complex and used simple classes. An example of this is the Miles per Gallon program I composed (see. MPG folder). This program did a simple input of data and division to calculate your mpg.

As the class progressed I learned how to produce object oriented programs in java. In these projects there would be more than one class and stored your data as private information. This keeps others from changing data that the programmer does not want to be tampered with. This is shown in the Television program (see. Television folder), the program used multiple methods some which the user could change and others that were set through a constructor.

I also learned how to create java programs using decision statements. Decision statements use Boolean expressions to determine whether a condition is true or false. Evidence of a programming containing a decision statement is in the CSU project (see. csu folder). The program calculates if an employee received a raise or not based on the years they worked.