1. Discuss the meaning of the phrase: *programs are made up of combinations of structures and tools*.

The tools and structures of programs are the things we learned in this class: for loops, sequential structure, input and outputs, and many more.

1. What are the advantages and disadvantages of top-down design?

The advantages of a top down design are that they are easy to understand and follow. Top Down design who philosophy is to break up the problem into simpler pieces. A disadvantage of top down design is that since the small pieces are dependent on the main module it may be difficult to change.

1. Why is it important to use memory efficiently?

Memory efficiency in small scale may not be noticeable, but in the real world where records can be numbered in the thousands inefficient use of memory and wasted processing steps have a major effect.

1. What are the steps involved in field testing?

The steps of field testing are comments understandability and bullet proof testing. The first step is to reach out for other programmers to react to your program. The next step is to see if the other programmers understand what is going on in your program. The last step is you to let other programmers try to break your program.