ITEC 480 Intro to Artificial Intelligent
Assignment 1 (Prolog)
Due Feb 1, 2007 2:00 PM.

You may provide some facts as required in your programs.

1. Modify family program to define \texttt{uncle} predicate and find out who are uncles of whom.

2. Write a prolog program that determines if three given points forms a right triangle.

3. Define a predicate \texttt{sortlist(Unsorted, Sorted)} to sort an unordered list into the ascending ordered list.
   For example, \texttt{?- sortlist([3,2,5,4,1] , L )} will answer \texttt{L = [1,2,3,4,5]}.

Name your programs as assign1_1, assign1_2, and assign1_3 appropriately and submit to appropriate ITEC480 directory. Write complete comments and describe your sample goal statement.