Name: ID#

COMPUTING II

Extra work

You have 20 minutes to complete the Quiz. You are not allowed to use any books, notes, calculator, or electronic devices. Write your answer carefully and clearly. Incorrect answers will receive little to no points. When you are asked to write a program the program should be clear and include indentations and comments to make it easier to read. ***Be sure to state any assumptions on which you have based your answers.***

Show the heap (tree) you will have after inserting the following values (one by one):

80, 40, 30, 60, 81, 90, 100, 10

Show your work.

Now sort the list by using the heap sort.