Write the following programs on lined paper.

1. Write a complete program that allows the user to input 10 integers. The program must store the inputted integers into an `apvector` named `numbers`. Then, the program must display the largest integer as well as how many times it was inputted. For example, if the 10 inputted values are:

    ```
    3 4 8 1 2 0 -9 8 3 8
    ```

    then the output should be

    ```
    The largest inputted value was 8 and it occurred 3 time(s).
    ```

2. Write a complete program that reads 10 integers and 10 last names from a text file named `inputdata.txt`. The data in the file is stored in a format with a one word name, a blank space, and an integer on each of the first 10 lines of the file.

    ```
    Doe 99
    Smith 78
    etc.
    ```

    The names must be stored in an `apvector` of apstrings named `names` and the integers must be stored in an `apvector` of integers named `grades`. After completely reading the data from the file, the program must use a loop to allow someone to input a name and retrieve the matching score. If the user enters a name that does not exist in the data from the file, the program should display the message `"no score"`. When a user inputs the sentinel value `"exit"`, the program must end.