This project takes in a file and reads it. First, the program will read the first line of the file and save the value as the number of values inside the file. After getting that first line, the program will read and save rest of the value into an array of integers. This array of integers would pass into two data structures: an orderedList and a mtfList. This orderedList would sort the entire array using a mergeSort and store these values within in array itself. The mtfList would take in the array and store them using a linked list. This linked list would not be initially sorted and instead the user could search for specific values. When these values are found, they are moved to the front of the list. I chose to use an array for orderedList because mergeSort requires a constant time access to values so to avoid on runtime issues, an array makes more sense. A linked list makes more sense for the move to front list because removal of a node in the middle and inserting it at the beginning is constant time.