

Example record:

1001	CS	3.80
netID	major	GPA

The program manages student records

netID	{	Student Record
major		
GPA		

Menu

1. List the top n students
2. Search for a student
3. Exit

linear & binary search

bubble sort or selection sort

Sort functions
[Sorted Net ID by ID
netID (copy)]

Sorted Major by ID
Sorted GPA by ID

Code should keep track of # of iteration

sorted GPA by GPA
sorted major by GPA
sorted Net ID by GPA

Functions

int linearSearchID (int arr[], int numElems, int value,
int &nIter)

int binarySearchID (int arr[], int numElems, int value, int &nIter)

void modifiedSortGPA (double array1[], int array2[], string array3[],
int size)

void modifiedSortID (int array2[], double array1[], string array3[], int size)