//i)

**public** **boolean** changeElementAtPosition(**int** i, String theName){

**if**(i>myArray.length && i<0){

myArray[i] = **null**;

System.*out*.println("Not a valid index for the array.\n");

}**else** **if**(i==*DEFAULT\_MAX*){

System.*out*.println("The index refers to a location beyond "

+ "the array. Please try again.");

}//else if

myArray[i]=theName;

**return** **true**;

}//changeElementAtPosition

//p)

**public** **int** indexFirstOccurrence(Name theName){

**int** i=0;

**while**(myArray[i]!= theName){

i++;

}//while

System.*out*.println("The index of the first occurrence of " + theName+

" is: " + i);

}//indexFirstOccurrence

//q)

**public** **boolean** deleteFirstOccurrence(Name theName){

**int** i=0;

**while**(i < myCount && ! myArray[i].equals(theName)){

i++;

}//while

myArray[i]=**null**;

myCount--;

**return** **true**;

}//deleteFirstOccurrence

//r)

**public** **boolean** deleteAllOccurrences(Name theName){

}//deleteAllOccurrences

}//NameCollection

optional extra credit for BirthdayDatabase(15 points each)—due April 11

enhanced search capabilities

display list

1. of all people with birthdays in a month specified by the user
2. all people with birthdays in a year specified by the user
3. of all people with birthdays on a month and day specified by the user
4. of all people with first name specified by the user
5. of all people with last names specified by the user
6. of all people before a particular month and day specified by the user