```c
/* BY SUBMITTING THIS FILE TO CARMEN, I CERTIFY THAT I HAVE PERFORMED ALL OF
THE WORK TO CREATE THIS FILE AND/OR DETERMINE THE ANSWERS FOUND WITHIN
THIS FILE MYSELF WITH NO ASSISSTANCE FROM ANY PERSON (OTHER THAN THE
INSTRUCTOR OR GRADERS OF THIS COURSE) AND I HAVE STRICTLY ADHERED TO THE
TENURES OF THE OHIO STATE UNIVERSITY'S ACADEMIC INTEGRITY POLICY.
*/
/* This program looks through our linked list and
 * tells the caller program if the studentID # is already
 * in use within the linked list
 */
#include "lab4.h"
int ID_isduplicate(Node *head, int newStudentID){

        Node *traversePtr;

        traversePtr = head;
        while(traversePtr!=NULL){
                if (traversePtr->student.student_ID == newStudentID) {
                        /* found it already in the linked list  */
                        return(TRUE);
                }
                traversePtr = traversePtr->next;
        }
        return(FALSE);
}
```