**Lab 5 : link Lists**

1: download and run the **lablinklist.c** program. It should produce 3 Warnings.

Run the program without fixing the warnings.

Fix the warnings and rerun the program.

Explain, using a suitable example, what the initial program done why the program did not work correctly. (you may be asked to discuss this answer in the lecture on Wednesday)

2: Add a function to the code called ***find node position*** (this will ask the user to enter a value (character) and return the position of the node where the data is or else it returns cannot find a node containing this data.

int find\_node(ListNode \* currentPtr, char value)

{

Int postion = 0;

While (currentPtr->nextPtr != null && value != currentPtr->data)

{

currentPtr = currentPtr->nextPtr;

position++;

}

If (currentPtr ->data == value)

{

Return position;

}

Else

{

Return 0;

}

}