1. (100 pts) Write a program to implement functions on linked lists. Assume that node structure of a singly linked list is as follows.

```c
struct node
{
    int info;
    struct node *next;
};
typedef struct node node;
```

Implement the below functions whose prototypes are given below

```c
node *CopyList(node *head)
node *Previous(node *head, node *current)
void PrintReverse(node *head)
```

- `CopyList` function makes a copy of a linked list that is provided as a parameter and returns a pointer to the new linked list.
- `Previous` function returns the previous node of current node in a linked list pointed by head. If `current` is the first node `Previous` returns null.
- `PrintReverse` function prints a elements of a linked list in reverse order. This should be implemented as an iterative function. Use `Previous` function in your implementation.

Add your functions to `assign5.c` given in class webpage.

Submit your program electronically using the blackboard system

The program you submit should be your own work. Cheating will be reported to office of academic integrity. Both the copier and copiee will be held responsible.