LAB #3 : DYNAMIC MANAGEMENT

Exercise:

Add to the following program a procedure to display the contents of the linked list. This function will have as a single argument the address of beginning of the list. Use the given prototype of the procedure **printList()**.

```
#include < iostream >
using namespace std;

typedef struct element
{
        int num;
        float x;
        float y;
        struct element * next;
} s_point;

void creationList(s_point ** astart); // The prototype
void printList(s_point * start); // The prototype

int main(){
        s_point *start;
        creationList(&start);
        list(start);
        return 0;
}
void creationList(s_point **astart){
        int num;
        float x, y;
        s_point *current;

        cout << endl;

        while (cout << "number, x, y : " , cin >> num >> x >> y, num >= 0) {
                current = new s_point;
                current->num = num;
                current->x = x;
                current->y = y;
                current->next = *astart;
                *astart = current;
                cout << endl;
        }
}
```

```
void printList(s_point * start){
        // complete this procedure
        …..
}
```