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/**
* NSG ACADEMY
* 2017
* LINE EDITOR
#include<stdio.h>
#include<string.h>
#include<stdlib.h>
typedef struct node
 char line[80];
 struct node* next;
}node;
node *first, *last;
int cnt;
FILE* fp;
char fname[20];
void create()
 char str[80];
node* temp;
while(!feof(fp))
        fgets(str,80,fp);
        temp=(node*)malloc(sizeof(node));
        strcpy(temp->line,str);
        temp->next=NULL;
        if(first==NULL)
           first=temp;
        else
           last->next=temp;
        last=temp;
        cnt++;
      }
}
void createnew()
 node* temp;
 char str[80];
 printf("\nEnter some text(press stop)\n");
 gets(str);
while(strcmp(str, "stop")!=0)
        temp=(node*)malloc(sizeof(node));
        strcpy(temp->line,str);
        temp->next=NULL;
        if(first==NULL)
           first=temp;
        else
           last->next=temp;
        last=temp;
        cnt++;
        gets(str);
      }
}
node* findnode(int pos)
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int i=1;
 node* p;
 p=first;
while(p!=NULL && i<pos)</pre>
        p=p->next;
      }
 return p;
void printnode(int m,int n)
{
 node* p;
 int i=0;
 p=findnode(m);
while(p!=NULL && i<=n-m)</pre>
        printf("\n%d %s",i+m,p->line);
        p=p->next;
}
void save()
node* p;
 fp=fopen(fname, "w");
 p=first;
while(p!=NULL)
        strcat(p->line,"\n");
        fputs(p->line,fp);
        p=p->next;
      }
 fclose(fp);
void main(int argc,char* argv[])
 int n,x,y;
 char cmd[20],t1[20],t2[20],t3[20];
 strcpy(fname,argv[1]);
 fp=fopen(fname,"r");
 if(fp==NULL)
    printf("\n%s file is not found\n",argv[1]);
    createnew();
    printf("\nNumber of lines is %d\n",cnt);
 else
    printf("\n%s file is found\n",argv[1]);
    create();
    printf("\nNumber of lines is %d\n",cnt);
    fclose(fp);
while(1)
        printf("\n");
        printf("$");
        gets(cmd);
        n=sscanf(cmd,"%s %s %s",t1,t2,t3);
        switch(n)
                 case 1: if(strcmp(t1, "p")==0)
                            printnode(1,cnt);
```