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#include <stdio.h>

#include <stdlib.h>


//Membuat struct
struct library{
    char *nama;
    char *alamat;
    int umur;
    struct library *next;
};


//Menu utama untuk program
int main()
{
    int menu;
    printf("\t--- Governance Library ---\n");
    printf("\t===== \n\n");
    printf("Visitors Registration Menu : \n");
    printf("1. Add the data\n");
    printf("2. Show data\n");
    printf("3. Exit\n\n");
    printf("Input choice : ");
    scanf("%d",&menu);
    if(menu == 1){
        createlinkedlist();
    }
    else if(menu == 2){
        show();
    }
    else if(menu == 3){
        exit(0);
    }
}

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}

else{
    printf("\n\n---Option not found---\n");
    puts("");
}

return 0;
}

//Menu 1, membuat node dan input
void createlinkedlist(char *nama, char *alamat, int umur){
    struct library *firstNode = NULL;
    struct library *currentNode;

    firstNode = (struct library*)malloc(sizeof(struct library));

    firstNode->nama = nama;
    firstNode->next = firstNode->alamat;
    firstNode->alamat = alamat;
    firstNode->next = firstNode->umur;
    firstNode->umur = umur;
    firstNode->next = NULL;
    currentNode = firstNode;

    printf("-----\n\n");
    printf("Total registration in this day : \n");
    printf("Input Name  : ");
    scanf("%s",&nama);
    printf("Input Address : ");
    scanf("%s",&alamat);
    printf("Input Age   : ");

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scanf("%d",&umur);  
printf("\n\n");  
printf("-----\n");  
}
```

//Menu 2, untuk menampilkan data

//Ini saya bingung pak, karena tidak muncul datanya jadi saya belum buat sortingnya

```
void show(){  
    struct library *currentNode;  
    while (currentNode != NULL){  
        printf("-----\n\n");  
        printf("Choose the sorting menu : \n");  
        printf("1. Ascending\n");  
        printf("2. Descending\n\n");  
        printf("Input choice :");  
        printf("%s",currentNode->nama);  
        printf("%s",currentNode->alamat);  
        printf("%d\n",currentNode->umur);  
        currentNode = currentNode->next;  
    }  
}
```