|  |
| --- |
| #include<stdio.h> |
|  | #include<string.h> |
|  | #include<stdlib.h> |
|  |  |
|  | void welcome\_message(); |
|  | int insert(); |
|  | int append(); |
|  | int view(); |
|  |  |
|  | int main() |
|  | { |
|  | FILE \*fp; |
|  | char press; |
|  | int num; |
|  | First: |
|  | printf("\n\n---- Press ----- operation ------\n\n"); |
|  | printf(" '+' ------ add new note \n"); |
|  | printf(" 'a' ------ append new note \n"); |
|  | printf(" 'v' ------ View Previous \n"); |
|  | printf(" 'e' ------ Exit Program \n\n"); |
|  | printf("-------------------------------\n\n"); |
|  |  |
|  | while(1) |
|  | { |
|  | scanf("%c",&press); |
|  |  |
|  | if (press == '+'){ |
|  | insert(); |
|  | printf("Press '1' for continue\n'0' for Exit\n"); |
|  | scanf("%d", &num); |
|  | if (num == 1){ |
|  | goto First; |
|  | } |
|  | else{ |
|  | break; |
|  | } |
|  | } |
|  | else if (press == 'a'){ |
|  | append(); |
|  | printf("Press '1' for continue\n'0' for Exit\n"); |
|  | scanf("%d", &num); |
|  | if (num == 1){ |
|  | goto First; |
|  | } |
|  | else{ |
|  | break; |
|  | } |
|  | } |
|  | else if (press == 'v'){ |
|  | view(); |
|  | printf("Press '1' for continue\n'0' for Exit\n"); |
|  | scanf("%d", &num); |
|  | if (num == 1){ |
|  | goto First; |
|  | } |
|  | else{ |
|  | break; |
|  | } |
|  | } |
|  | else if (press == 'e'){ |
|  | return 0; |
|  | } |
|  | else{ |
|  | printf("Please press correct key.\n"); |
|  | } |
|  | } |
|  | return 0; |
|  | } |
|  |  |
|  | void welcome\_message() { |
|  | printf("---\*\*\*---\*\*\*----\*\*\*----\*\*\*----\*\*\*---\n\n"); |
|  | printf("|<-- Welcome to our Diary -->|\n\n"); |
|  | printf("---\*\*\*---\*\*\*----\*\*\*----\*\*\*---\*\*\*---\n\n"); |
|  | } |
|  |  |
|  | int insert(){ |
|  | FILE \*fp; |
|  | char note[2000], date[20] ; |
|  | welcome\_message(); |
|  | printf("Enter date of your note : "); |
|  | scanf("%s", date); |
|  | //printf("%s",date); |
|  | printf("\n"); |
|  | printf("Just write your note from here....\n---->>"); |
|  | scanf(" %[^\n]s",note); |
|  | fp = fopen("diary.txt", "w"); |
|  | fprintf(fp, date); |
|  | fprintf(fp, "\n"); |
|  | fprintf(fp, note); |
|  | fprintf(fp, "\n\n"); |
|  | printf("\nSuccessfully Copied.....:)\n"); |
|  | fclose(fp); |
|  | return 0; |
|  | } |
|  |  |
|  | int append() { |
|  | FILE \*fp; |
|  | char note[2000], date[20] ; |
|  | welcome\_message(); |
|  | printf("Enter date of your note : "); |
|  | scanf("%s", date); |
|  | //printf("%s",date); |
|  | printf("\n"); |
|  | printf("Just write your note from here....\n---->>"); |
|  | scanf(" %[^\n]s", note); |
|  | fp = fopen("diary.txt", "a"); |
|  | fprintf(fp, date); |
|  | fprintf(fp, "\n"); |
|  | fprintf(fp, note); |
|  | fprintf(fp, "\n\n"); |
|  | printf("\nSuccessfully Copied.....:)\n"); |
|  | fclose(fp); |
|  | return 0; |
|  | } |
|  |  |
|  | int view() { |
|  | FILE \*fp; |
|  | char ch; |
|  | fp = fopen("diary.txt", "r"); |
|  | if (fp == NULL){ |
|  | perror("Error while opening the file.\n"); |
|  | exit(EXIT\_FAILURE); |
|  | } |
|  | printf("\nYour previous note : \n\n"); |
|  | printf("===============================================================================\n"); |
|  |  |
|  | while( ( ch = fgetc(fp) ) != EOF ){ |
|  | printf("%c", ch); |
|  | } |
|  | printf("\n"); |
|  | printf("===============================================================================\n"); |
|  | fclose(fp); |
|  | return 0; |
|  | } |