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#include<stdio.h>

#include<graphics.h>

#include<dos.h>

#include<string.h>

#include<conio.h>

#include "assign.h"

int main()

{
    int p = 0, j = 0, choice, c;
    int count = 0; // for number of users
    char flag = 'Y';

    struct emp {
        char username[20];
        char pass[20];
    };
    struct emp e[5];
    char loginuser[20], password[20];
    int i = 0;
    char muser[] = "prameet";
    char mpass[] = "verma";
    int gd = DETECT, gm;
    initgraph( & gd, & gm, "c:\\turbo3\\bgi ");
    clrscr();

    while (flag == 'Y') {
        if (count > 5) {
            printf(" Can't add more user \t only 5 users allowed");

        }
        printf("\n Press 1. to Login \n");
        printf("\n Press 2. to add user \n");
        printf("\n Press 3. to exit\n");
        scanf("%d", & choice);
        if (choice == 1) {
            i = 0;
            clrscr();
            printf("\n Login Screen \n");
            printf("\nEnter username= ");
            do {
                loginuser[i] = getch();
                if (loginuser[i] != '\r') {
                    printf("%c", loginuser[i]);
                }
            } while (loginuser[i] != '\r');
            i++;
            count++;
        }
    }
}

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    }
    i++;
} while (loginuser[i - 1] != '\r');
loginuser[i - 1] = '\0';
i = 0;
printf("\n Enter Password \n");
do {

    password[i] = getch();
    if (password[i] != '\r') {
        printf("*");
    }
    i++;
} while (password[i - 1] != '\r');
password[i - 1] = '\0';
j = 0;
do {
    if ((!(strcmp(loginuser, muser)) && !(strcmp(password, mpass)))) {
        clrscr();
        printf("\n welcome\n you are logged in with master login\n");
        assign();
        //break;
    }
    if (!(strcmp(e[j].username, loginuser) && strcmp(e[j].pass, password))) {
        clrscr();
        printf("\n Welcome user you are logged in\n");
        assign();

        // break;
    }
    j++;
} while (j < 5);
if (j == 5) {
    clrscr();
    printf(" \n Invalid credentials \n Please try again\n");
}
} //end of if block
else if (choice == 2) {
    printf("\nEnter username= ");
    scanf("%s", e[count].username);
    printf("\nEnter password= \n");

    do {
        e[count].pass[p] = getch();
        if (e[count].pass[p] != '\r') {
            printf("*");
        }
        p++;
    } while (e[count].pass[p - 1] != '\r');
    e[count].pass[p - 1] = '\0';

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    count++;  
    if (flag != 'Y') {  
        //flag='N';  
        break;  
    }  
  
    } // end of else  
    else  
        exit(1);  
  
    } // end of while  
    getch();  
  
    return 0;  
}
```