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#include <stdio.h>
#include <stdbool.h>
#include <string.h>

/* Declaration of structure */
struct user
{
    char name[50];
    char password[15];
    char email[15];
};

int main()
{
    /* Declaration of array of structure */
    struct user s[100];

    int next = 2;
    char name[50], password[15], email[15];

    printf("You entered into the login page:\n");
    printf("Enter your name:\n");
    scanf("%s", name);
    printf("Enter your password:\n");
    scanf("%s", password);

    int i = 0;

    while (true)
    {
        if (s[i].password[0] == '\0' && s[i].name[0] == '\0')
        {
            printf("First, you must register:\n");
            break;
        }
        else if ((strcmp(s[i].password, password) != 0 && strcmp(s[i].name, name) == 0) ||
                 (strcmp(s[i].password, password) == 0 && strcmp(s[i].name, name) != 0))
        {
            printf("Name and password not identical, please re-enter:\n");
            printf("Enter your name:\n");
            scanf("%s", name);
            printf("Enter your password:\n");
            scanf("%s", password);
            i = 0;
            break;
        }
        else if (strcmp(s[i].password, password) == 0 && strcmp(s[i].name, name) == 0)
        {
            printf("Successfully, you are entered:\n");
            return 0;
        }
        i++;
    }
}

```

```
printf("You entered into the register page:\n");
printf("Enter your name:\n");
scanf("%s", name);
printf("Enter your password:\n");
scanf("%s", password);
printf("Enter your email:\n");
scanf("%s", email);

strcpy(s[next].name, name);
strcpy(s[next].password, password);
strcpy(s[next].email, email);
next++;

printf("You are registered successfully:\n");

return 0;
}
```