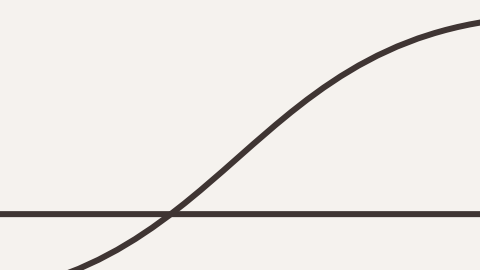




Project Report #3

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We rolled back the project due to bugs and are writing from scratch with html.

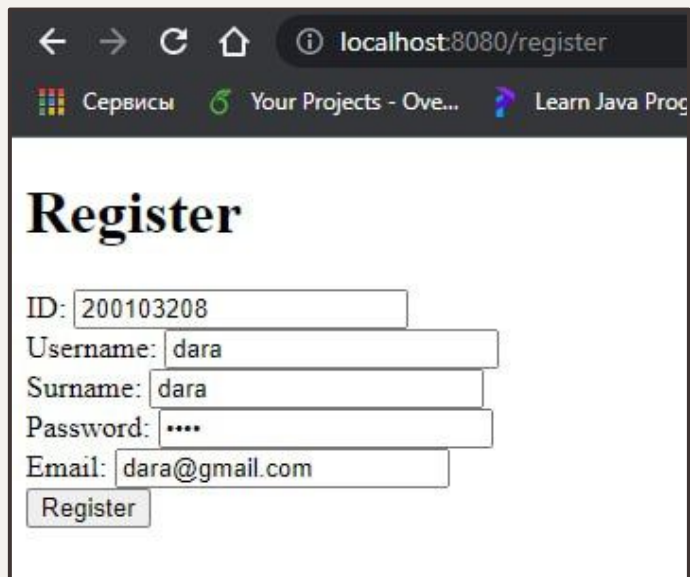
```
2 + github.com/dgrijalva/jwt-go v3.2.0-incompatible/go.mod h1:E3ru+1lk8xSBh+hP@G0L2mtrrCbqsmAPHJLKY

v 108 100% src/Main.go

... 1 package main
2
3 import (
4     "fmt"
5     "log"
6     "math/rand"
7     "time"
8
9     "html/template"
10    "net/http"
11)
12
13 type User struct {
14     Id int
15     name, surname, password, email string
16     Id int
17     Username, Surname, Password, Email string
18 }
19
20 var users []User
21
22 func main() {
23     start()
24     http.HandleFunc("/", home)
25     http.HandleFunc("/register", register)
26     http.HandleFunc("/login", login)
27     http.ListenAndServe(":8080", nil)
28 }
29
30 func start() {
```

```
30     if choice == 1 {
31         register()
32     } else if choice == 2 {
33         authorize()
34     }
35
36     func register(w http.ResponseWriter, r *http.Request) {
37         if r.Method == "POST" {
38             username := r.FormValue("username")
39             password := r.FormValue("password")
40             newUser := User{Username: username, Password: password}
41             users = append(users, newUser)
42             http.Redirect(w, r, "/login", http.StatusSeeOther)
43         } else {
44             start()
45             t, _ := template.ParseFiles("register.html")
46             t.Execute(w, nil)
47         }
48     }
49
50     func register() {
51         newUser := User{}
52         newUser.Id = generateID()
53         fmt.Println("Name: ")
54         fmt.Scan(&newUser.name)
55         fmt.Println("Surname: ")
56         fmt.Scan(&newUser.surname)
57         fmt.Println("Password: ")
58         fmt.Scan(&newUser.password)
59         fmt.Println("Email: ")
60         fmt.Scan(&newUser.email)
61         users = append(users, newUser)
62         fmt.Println()
```

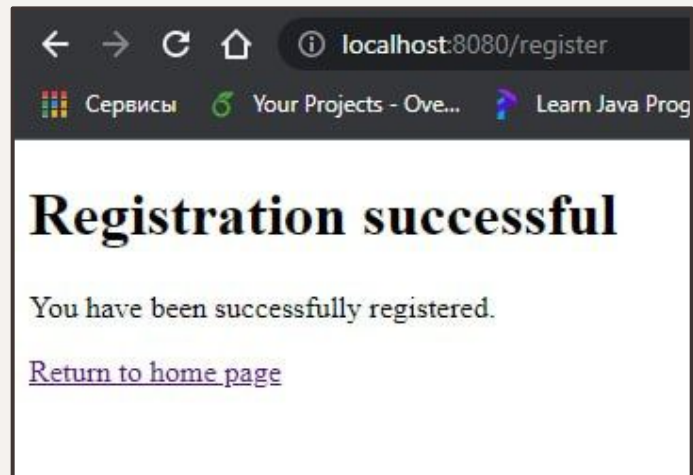
Example how it works:



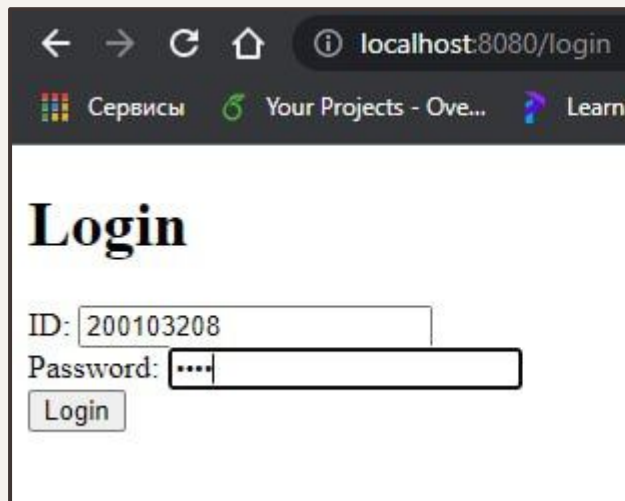
A screenshot of a web browser window showing a registration form. The address bar displays 'localhost:8080/register'. The browser's tab bar shows three tabs: 'Сервисы', 'Your Projects - Ove...', and 'Learn Java Prog'. The page title is 'Register'. The form contains the following fields and values:

- ID: 200103208
- Username: dara
- Surname: dara
- Password:
- Email: dara@gmail.com

A 'Register' button is located at the bottom of the form.



And login page:



← → ↻ 🏠 ⓘ localhost:8080/login

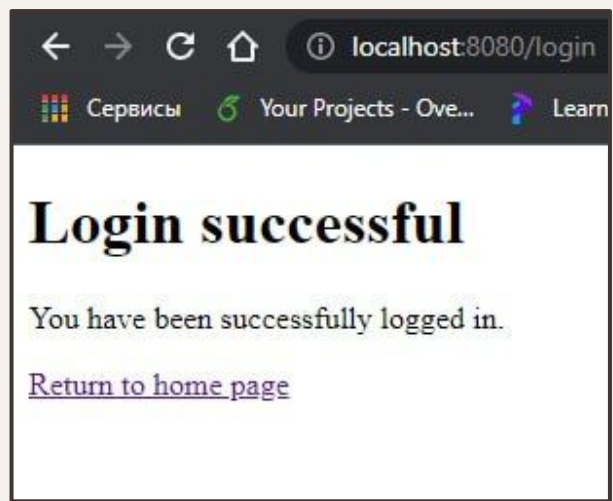
Сервисы Your Projects - Ove... Learn

Login

ID:

Password:

Login



← → ↻ 🏠 ⓘ localhost:8080/login

Сервисы Your Projects - Ove... Learn

Login successful

You have been successfully logged in.

[Return to home page](#)

Plans for next week:

1. Add FrontEnd
2. Add Database to store user's info
3. Add search page