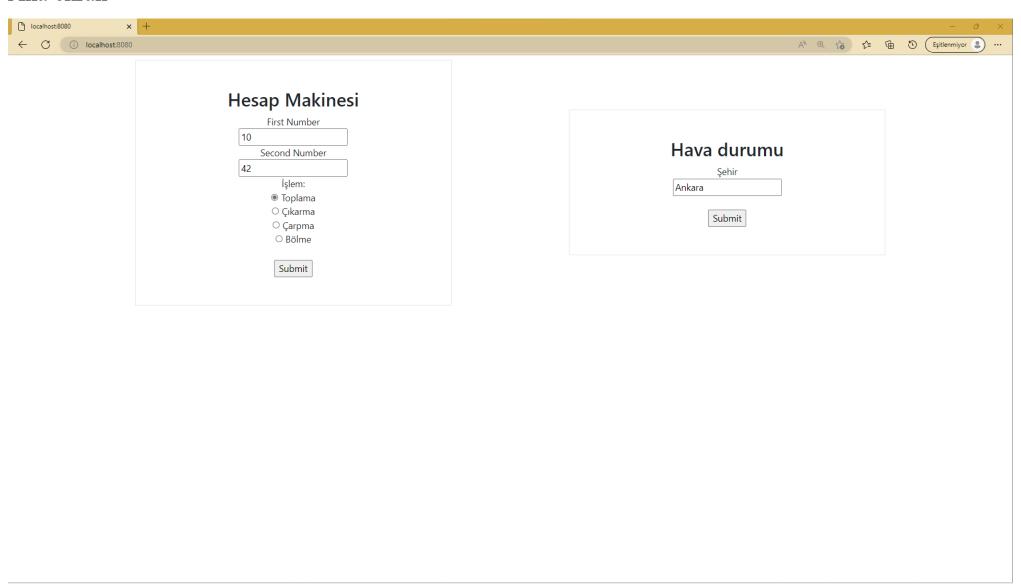
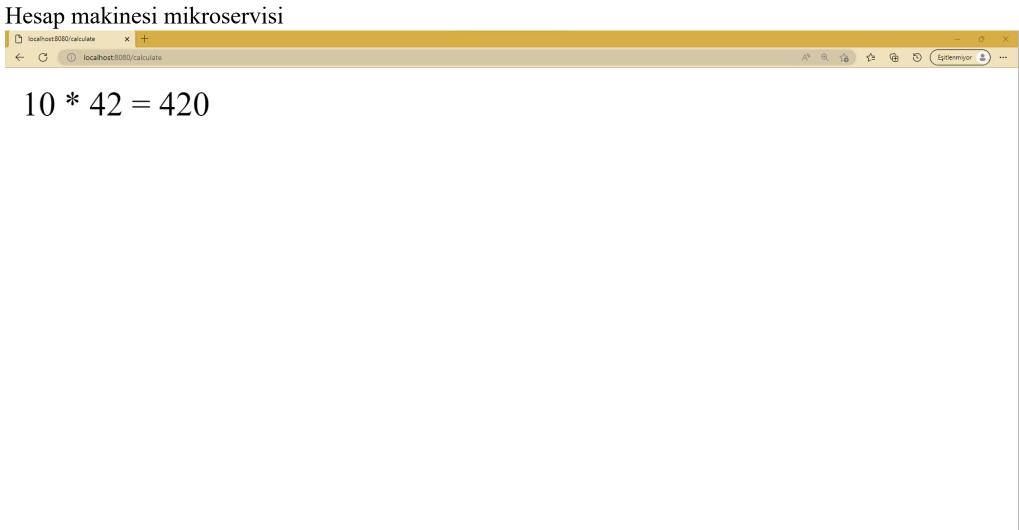


# FATİH TALHA TÜMER - 191180081 SCRIPTING LANGUAGES TERM PROEJCT

# Ana ekran





# Hava durumu mikroservisi



C | localhost:8080/hava

# ANKARA HAVA DURUMU

Sıcaklık: 3°C

Hava: Açık

Hissedilen sıcaklık: 0°C

### Ana servisin kodları:

```
public RestTemplate getRestTemplate(){
String (Files. readAllBytes (Paths.get ("src/main/resources/templates/index.htm
   public String submitForm(@RequestParam("number1") String value1,
@RequestParam("number2") String value2, @RequestParam("islem") String
```

```
JSONObject jsonObject = new JSONObject();
    jsonObject.put("message",
restTemplate.exchange(("http://localhost:8082/hava?sehir=" +
sehir).toString() , HttpMethod.GET, null, String.class).getBody());
    return jsonObject.get("message").toString();
}
```

### Index.html:

```
<!DOCTYPE html>
alpha1/dist/css/bootstrap.min.css" rel="stylesheet"
            <form action="/calculate" method="post" id="form">
                <label for="number1">First Number</label><br>
                 <input type="number" id="number1" name="number1"</pre>
                <label for="number2">Second Number</label><br>
                <label>İslem:</label><br>
                 <input type="radio" id="toplama" name="islem"</pre>
                 <input type="radio" id="cikarma" name="islem"</pre>
value="cikarma">
                 <input type="submit" value="Submit">
```

### Hesap makinesi kodları:

```
import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RequestParam;
import org.springframework.web.bind.annotation.ResponseBody;
import org.springframework.web.bind.annotation.ResponseBody;
import org.springframework.web.bind.annotation.RestController;

@SpringBootApplication
@RestController
public class ToplamaApplication {

   public static void main(String[] args) {
        SpringApplication.run(ToplamaApplication.class, args);
    }

    @GetMapping("/hesap")
   public String topla(@RequestParam(value = "num1", defaultValue = "13")
int num1, @RequestParam(value="num2", defaultValue = "57") int num2,
    @RequestParam(value = "carpma", defaultValue = "carpma") String islem) {

        if (islem.equals("toplama")) {
            return String.format("%d %s %d = %d", num1,"+", num2, num1+num2);
        }
        else if (islem.equals("cikarma")) {
            return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        }
        else if (islem.equals("carpma")) {
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        }
        else if (islem.equals("carpma")) {
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        }
        else if (islem.equals("carpma")) {
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        return String.format("%d %s %d = %d", num1,"-", num2, num1-num2);
        return String.format("%d
```

```
return String.format("%d %s %d = %d", num1,"*", num2, num1*num2);
}
else{
    return String.format("%d %s %d = %.2f", num1,"/", num2,
(float) num1/(float) num2);
}
}
```

### Hava durumu kodları:

```
package com.hava.hava durumu;
import org.springframework.boot.SpringApplication;
@SpringBootApplication
@RestController
         Elements sicaklik = doc.select("body > div.b-page container >
```

```
sicaklik s = sicaklik s.replaceAll("<[^>]*>", "");
     sehir = sehir.toLowerCase();
     String sicaklik s = sicaklik.text();
     hava s = hava s.replaceAll("<[^>]*>", "");
     String hissedilen s = hissedilen.text();
     hissedilen s = hissedilen s.replaceAll("<[^>]*>", "");
     String hava durumu = sehir.toUpperCase() + " HAVA DURUMU<br>>" +
sıcaklık: " + hissedilen s + "°C";
```

```
return hava_durumu;
}
```