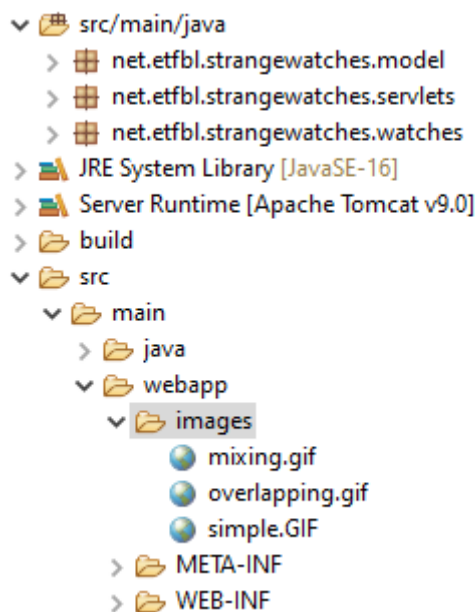


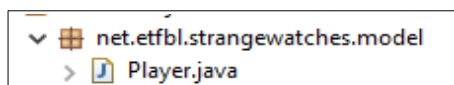
## Интернет програмирање

### Вјежбе – 05 – Сервлети

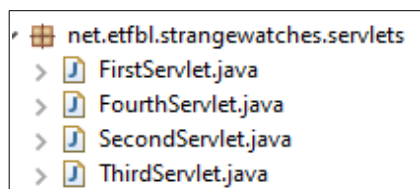
### Лабораторије 001



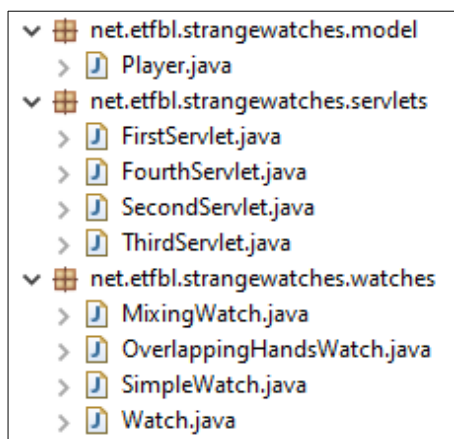
Модел



Сервлети



Сатови



## Player.java

```
package net.etfbl.strangewatches.model;

public class Player {
    public String ime, prezime, korisnickoIme;
    public Integer godinaRodjenja;

    public Player(String a, String b, String c, Integer d) {
        ime = a;
        prezime = b;
        korisnickoIme = c;
        godinaRodjenja = d;
    }
}
```

## MixingWatch.java

```
package net.etfbl.strangewatches.watches;

import java.util.Calendar;

public class MixingWatch extends Watch {

    public Integer monthsTilEndOfTheYear() {
        Calendar c = Calendar.getInstance();
        return c.get(11 - Calendar.MONTH);
    }

    @Override
    public String toString() {
        return super.toString() + "<br> MixingWatch -> Do kraja godine ostalo je " + monthsTilEndOfTheYear()
            + " mjeseca";
    }
}
```

## OverlappingHandsWatch.java

```
1 import java.time.LocalDateTime;
2
3 public class OverlappingHandsWatch extends Watch {
4
5     // https://blog.abelotech.com/posts/clock-angle-problem-interview-question/
6     public String overlapTime() {
7         Calendar c = Calendar.getInstance();
8         int currentHour = c.get(Calendar.HOUR);
9         double m = currentHour * 30 / 5.5;
10        LocalDateTime time = LocalDateTime.of(currentHour, (int) m, ((int) Math.round((m - (int) m) * 60)));
11
12        return time.toString();
13    }
14
15    public static void main(String args[]) {
16        OverlappingHandsWatch ow = new OverlappingHandsWatch();
17        System.out.print(ow.overlapTime());
18    }
19
20    @Override
21    public String toString() {
22        return super.toString() + "<br> OverlappingWatch -> " + overlapTime();
23    }
24 }
```

## SimpleWatch.java

```
package net.etfbl.strangewatches.watches;

import java.util.Calendar;

public class SimpleWatch extends Watch {

    public Integer years;

    public void calculateHowOldIs(Integer userYears) {
        Calendar cal = Calendar.getInstance();
        int currentYear = cal.get(Calendar.YEAR);
        years = currentYear - userYears;
    }

    @Override
    public String toString() {
        return super.toString() + "<br> SimpleWatch - > Korisnik ima " + years + " godina";
    }

}
```

## Watch.java

```
package net.etfbl.strangewatches.watches;

import java.text.DateFormat;

public class Watch {

    protected String dateTime() {
        String dateTime = "";
        DateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd");
        Date date = new Date();
        dateTime = "<br>Danasnji datum je: " + dateFormat.format(date);

        Calendar cal = Calendar.getInstance();
        dateFormat = new SimpleDateFormat("HH:mm:ss");
        dateTime += ", a trenutno vrijeme je: " + dateFormat.format(cal.getTime());
        return dateTime;
    }

    @Override
    public String toString() {
        return dateTime();
    }

}
```

Ime:   
Prezime:   
Godina rođenja:   
Korisnicko ime:

[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/)

Ime:   
Prezime:   
Godina rođenja:   
Korisnicko ime:

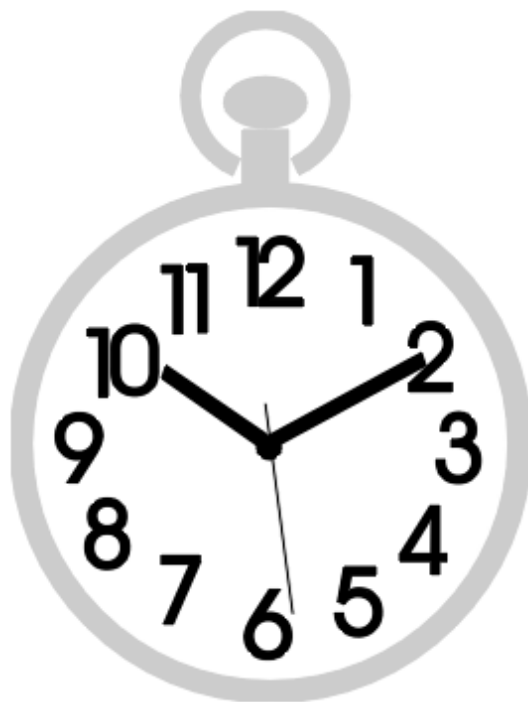
[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/)

[Third](#)

[Third](#)

[Third](#)

[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/SecondServlet/](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/SecondServlet/)



Danasnji datum je: 2021/07/17, a trenutno vrijeme je: 14:00:33

SimpleWatch - > Korisnik ima 28 godina

[Fourth](#)

[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/ThirdServlet](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/ThirdServlet)

Nisu odabrani satovi: MixingWatch i OverlappingWatch  
Prijavljeni korisnici su:  
marko

[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/FourthServlet](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/FourthServlet)

Korisnicko ime je vec zauzeto... Pokušajte ponovo [ovdje](#).

[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/SecondServlet/](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/SecondServlet/)



[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/ThirdServlet](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/ThirdServlet)

Nisu odabrani satovi: SimpleWatch i OverlappingWatch  
Prijavljeni korisnici su:  
markopetar

[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/FourthServlet](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/FourthServlet)



Danasnji datum je: 2021/07/17, a trenutno vrijeme je: 14:08:41

OverlappingWatch -> 02:10:55

[Fourth](#)

[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/ThirdServlet](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/ThirdServlet)

Nisu odabrani satovi: MixingWatch i SimpleWatch  
Prijavljeni korisnici su:  
markopetar

[http://localhost:8080/023\\_IP\\_Vjezbe\\_JEE\\_Servlet\\_L1/FourthServlet](http://localhost:8080/023_IP_Vjezbe_JEE_Servlet_L1/FourthServlet)