

## Temp Conv.

File → Java Web → Web Application

New → Web Service

Name & Package = 'Service';  
Name

Design Mode → (Package/Source/TempConv.java)

Add Operations

F to C

→ double f

C to F

double c

↓

⇒ Source Mode

F to C ⇒

Double c = (f - 32) \* 1.8;

return c;

C to F ⇒

Double f = (c \* 1.8) + 32;

~~Double~~ f;

return;

Deploy → Run

Web Service → Test web Service



## Temp client

<form>

<br> <input type="text" name="data" </br>

<br> <input type="submit" name="f-to-c" </br>

value = f-to-c

name = ftoC

formaction = "f-to-c.jsp" > <br>

<br> <input type="submit"

value = c-to-f

name = ctoF

formaction = "c-to-f.jsp" >

</form>

form

input = 'submit'

value "f-to-c"

name = ftoC

formaction = "f-to-c.jsp"

WEB INF → NEW → JSP Pages

1- f-to-c

2- c-to-f

# Temp client Right Click Web Service Client  
select → Temp-con → temp serv

# c-to-f → Delete Hello World  
→ Right Click Web Service Client Resource

#

```

/*
 * To change this license header, choose License Headers in Project Properties
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

package Service;

import javax.jws.WebService;
import javax.jws.WebMethod;
import javax.jws.WebParam;

/**
 *
 * @author Sahil
 */
@WebService(serviceName = "temp_service")
public class temp_service {

    /**
     * This is a sample web service operation
     */

    /**
     * Web service operation
     */
    @WebMethod(operationName = "F_to_C")
    public Double F_to_C(@WebParam(name = "f") double f) {
        //TODO write your implementation code here:
        Double c=(f-32)*1.8;
        return c;
    }

    /**
     * Web service operation
     */
    @WebMethod(operationName = "C_to_F")
    public double C_to_F(@WebParam(name = "c") double c) {
        //TODO write your implementation code here:
        Double f = (c*1.8)+32;
        return f;
    }
}

```



~~$k < 12 - 17$~~ 

Greetings.

0 - 12 → Mon.  
12 - 17 → After.  
17 - 24 → Even.

Same steps as temp. conv.

greet java.

## Add Operation

Date N Time  $\rightarrow$  String (Design)

Code

```

LocalTime outTime = LocalTime.now();
int hour = outTime.getHour();
String res = " ";
if (hour < 12 && hour > 0) {
    res = "Good Morning";
}
else if (hour > 17 && hour < 24) {
    res = "Good Morning  
Evening";
}
else if (hour >= 12 && hour < 17) {
    res = "Good Morning  
Afternoon";
}
return res;
}
}

```

Greeting. Circuit  
inden. libnd.

form

`<form>`  
`<input type="submit" name="Greetrup" value="`  
`value="greet" greetrup"`  
`formaction="greet.jsp"`



## Greeting-client.

under.html

```
<input type="submit" value="Greeting" name="greet"
formaction="greet.jsp"/>
```

km - Inch.

• Java.

```
public Double km.  
Double kminch = (km * 39370.1);  
return inch;
```

```
public Double inch;  
Double inch = (kminch * 0.0254);  
return inch;
```

• under.html



```

1  /**
   * Web service operation
   */
@WebMethod(operationName = "greetoperation")
1  public String greetoperation(@WebParam(name = "DateTime") String DateTime) {
    LocalTime our_time = LocalTime.now();
    int hour = our_time.getHour();
    String res="";
    if(hour <12 & hour>0)
    {
        res="Good Morning";
    }
    else if(hour>17 & hour<24){
        res="Good Evening";
    }
    else if(hour>=12& hour<17){
        res="Good Afternoon";
    }
    return res;
}
}

```