

Web Services:-

Sum of n numbers:-

```
int t=0;
    int i;
    for(i=1;i<=n;i++){
        t=t+i;
    }
    return t;
```

Conversion:-

```
Double c = (f-32)*1.8;
Double f=(c*1.8)+32;
float k;
    k=i/39370;
float i;
    i=k * 39370;
```

Client:-

```
String d= request.getParameter("data");
    Integer dd=Integer.parseInt(d);
```

Palindrome(Reverse same):-

```
int rev=0,p=0;
    int temp=num;
    while (temp !=0) {
        int remainder=temp % 10;
        rev = rev * 10 + remainder;
        temp = temp / 10;
    }
    if(rev==num){
        return p=1;
    }
    return p;
```

Wishing:-

```
String w = null;
    if(hours>=1 && hours<12){
        w="Good Morning";
    }else if(hours>=12 && hours<16){
        w="Good Afternoon";
    }else if(hours>=16 && hours<21){
        w="Good Evening";
    }else if(hours>=21 && hours<=24){
        w="Good Night";
    }
    return w;
```

Client:-

```
<%@page import="java.util.Date"%>
Date dt= new Date();
    int h = dt.getHours();
```

Factorial:-

```
int i,fact = 1;

    for(i=1;i<=num;i++){
        fact=fact * i;
    }
    return fact;
```

Tomorrow's Date:-

```
import java.util.Date;

Date dt = new Date();
    Date tomorrow = new Date(dt.getTime()+(1000 * 60 * 60 * 24));
    String str =tomorrow.toString();
    return str;
```

Index.html:-

```
<br><input type="text" name="data" /><br>
    <br><input type="submit" value="Convert F to C" name="f_to_c" formaction="f_to_c.jsp" /><br>
```

Client(same for all in jsp):-

Client:-

```
<%
String d= request.getParameter("data");
    Integer dd=Integer.parseInt(d);
```

Note:-

String to date:

```
String sDate1="31/12/1998";
Date date1=new SimpleDateFormat("dd/MM/yyyy").parse(sDate1);
```

Date to String:

```
String str =tomorrow.toString();
```