JSP Fundamentals

Module Overview

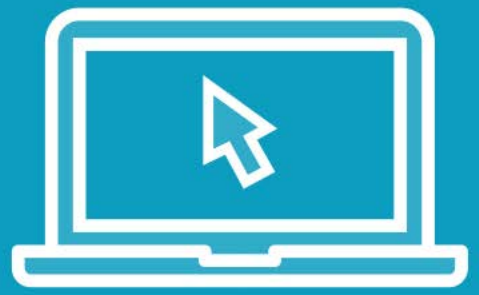
Creating First JSP Page

Expression Tag

Declaration Tag

Scriptlet Tag

Demo



Creating First JSP Page – Hello World

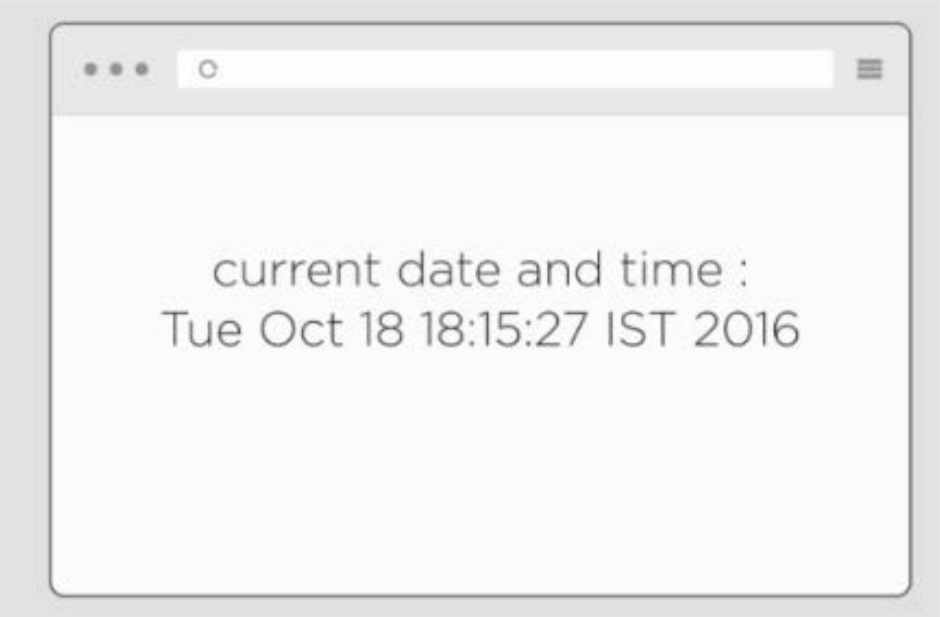
Expression Tag

Expression Tag

JSP Expression Tag are used to compute an expression and the result of that is included in HTML page that's returned to the Browser

```
<p> current date and time
<%=
// java code
%>
</p>
```

```
<p> current date and time
<%=
 new java .util.Date()
%>
</p>
```



 current date and time

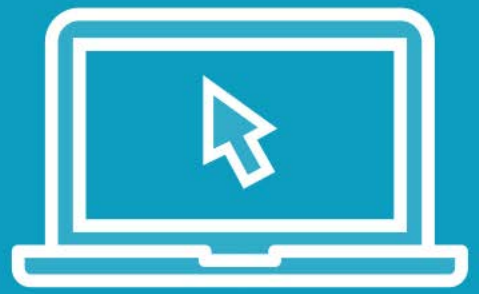
<%=

new java .util.Date() ----→

%>

```
public void _jspService(...) {
out.write("<p>current date
        and time");
out.print(new java.util.Date());
out.write("</p>\r\n");
}
```

Demo



Expression Tag

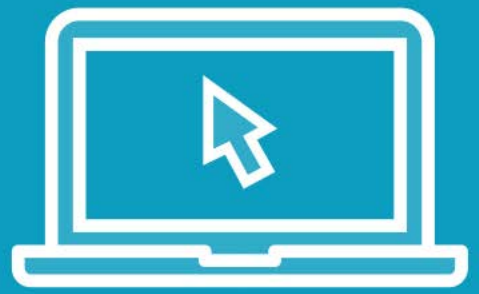
Declaration Tag

```
<%! %>

<%! int id =10;%>

<%! static String department="SALES":%>

<%! decimal getBonus(decimal salary)

{return salary*0.10;}"%>
```

Syntax

To define the Declaration Tag

Demo



Declaration Tag

Scriptlet Tag

Scriptlet Tag

Scripting Element which allows us to add any variable declarations and any computed logic with in the JSP page

Demo.jsp

```
<% // Java Code Block1 %>

<% // Java Code Block2 %>

<% // Java Code Block3 %>
```

Demo_ jsp.java

```
_ jspService(...) {
  // Java Code Block1 ...

// Java Code Block2 ...

// Java Code Block3 ...

}
```

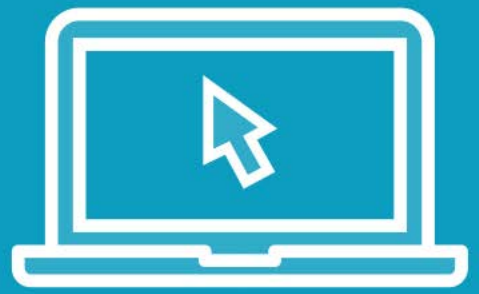
Demo.jsp

```
<%!  int id =10; decimal
getBonus(decimal
salary){return salary*0.10;}

%>

<%

double Salary=5000
annualSalary=Salary*12;

%>
```

Demo_ jsp.java

```
int id =10; decimal
   getBonus(decimal salary)

{return salary*0.10;}
_ jspService(...)

{ double Salary=5000
   annualSalary=Salary*12; }
```

Demo



Scriptlet Tag

Summary

- Creating First JSP Page
- Expression Tag
- Declaration Tag
- Scriptlet Tag