

### 3. Expression Tag

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1. The expression tag, as the name indicates allows us to embed Java expressions in our JSP page.

2. Whatever we write or pass in expression tag is passed as argument to the method called out.print() by the container within \_jspService() method.

#### Syntax

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<%= //Java expression %>

#### List of Implicit objects

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1. The JSP technology provides us 9 pre-defined objects which are automatically created by the container for us.

2. Since, they are pre-defined so we never have to instantiate them and they have been given fixed name so in our JSP page to access these objects we have to use their pre-defined names.

3. Another point to remember is that all of them are made available to us inside scriptlet tag as well as expression tag but not in declarative tag. This is because container creates them inside \_jspService() method.

Following are their names and type:

- a) out : JspWriter
- b) request : HttpServletRequest
- c) response : HttpServletResponse
- d) session : HttpSession
- e) config : ServletConfig
- f) application : ServletContext
- g) pageContext : PageContext
- h) exception : Throwable
- i) page : Object

## Adding Comments in JSP

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A JSP page can have 3 types of comments:

1) Java comment : These are comments we write in our Java code and they can only be used within scriptlet or declarative tag. They have the same syntax as we write comments in Core Java i.e. `//....` or `/* ..... */`. They are neither executed by the container nor sent to the browser.

### Example

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```
<%  
    //out.println("Good morning");  
    out.println("Good evening");  
%>
```

### Output

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Good evening