

HTTP ERROR CODES

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1. HTTP-404:
 - a. mistake in web.xml
 - b. wrong url in browser
2. HTTP-405:
 - a. Wrong method overridden . You have overridden doPost() but you are sending GET request
3. HTTP-500:
 - a. Some Exception In Your Code
4. HTTP-505:
 - a. Server timeout

Calling Servlet through HTML

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1. Till now all the Servlets which we have designed, we have executed them by directly typing the Servlet's URL in the browser's address bar.
2. But in real world user will only type the URL of home page(index.html) and from their he can execute or connect with other Servlets. That is in our HTML page we have to provide links to Servlet.
3. This can be done in 2 ways:
 - a) Using **<a>** tag.
 - b) Using **<form>** tag.

a) Using **<a>** tag

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1. We create an **<a>** tag with its **href** attribute set to the Servlet's URL.
2. Now when the user will click on the **<a>** tag, the browser will send **HTTP-GET** request which in turn will execute **service()** method and as discussed before, the **service()** method will further call **doGet()** method of our **Servlet** class.

b) Using **<form>** tag.

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1. We create a **<form>** tag in our HTML page with two attributes: **action** and **method**.
2. We set the action attribute with Servlet's URL and the method attribute will either "GET" or "POST".
3. If method attribute is set with "GET" then the browser will send HTTP-GET request which in turn will call **service()** method at the Server and **service()** will call **doGet()** method. On the other hand if "POST" is set in method attribute then **doPost()** method will call.
4. Finally, in the **<form>** will have to provide a **submit button** because only **submit** sends the request to the Server through **<form>** tag when the user clicks it.