* **All methods of implicit Objects:**

1. **Request:-** The request object is an instance of HttpServletRequest, representing the client's request to the server.

* **getParameter(String name)**: Retrieves the value of a request parameter as a String.
* **getParameterValues(String name)**: Returns an array of String values for a request parameter.
* **getAttribute(String name)**: Retrieves an attribute from the request scope.
* **setAttribute(String name, Object value)**: Sets an attribute in the request scope.
* **getSession()**: Retrieves the HttpSession associated with the request.

1. **Response:-** The response object is an instance of HttpServletResponse, which allows you to construct and send a response back to the client.

* **setContentType(String type)**: Sets the content type of the response .
* **sendRedirect(String location)**: Sends a temporary redirect response to the client using the specified location URL.
* **getWriter():** Returns a PrintWriter object to send character text to the client.

1. **Out**:- The out object is an instance of JspWriter, which is used to write output to the client. It’s the primary way to generate content in JSP.

* **print(String s)**: Writes a string to the output.
* **println(String s)**: Writes a string followed by a new line to the output.
* **flush()**: Flushes the output buffer.

1. **Session**:- The session object is an instance of HttpSession, which allows you to store data specific to a user's session.

* **getAttribute(String name)**: Retrieves an attribute from the session scope.
* **setAttribute(String name, Object value**): Sets an attribute in the session scope.
* **invalidate()**: Invalidates the session and removes all attributes.

1. **Application:-** The application object is an instance of ServletContext, which provides context information about the web application.

* **getAttribute(String name):** Retrieves an application attribute.
* **setAttribute(String name, Object value)**: Sets an application attribute.
* **getInitParameter(String name)**: Retrieves the value of an initialization parameter defined in web.xml.
* **getRealPath(String path)**: Returns the real path on the server for a given virtual path.

1. **Config:-** The config object is an instance of ServletConfig, providing configuration information for the JSP page.

* **getInitParameter(String name)**: Retrieves an initialization parameter defined for the servlet.
* **getServletContext()**: Returns the ServletContext associated with this servlet.

1. **PageContext:-** The pageContext object is an instance of PageContext, providing methods for accessing the other implicit objects as well as managing attributes in different scopes e.g. page, request, session, application

* **getAttribute(String name):** Retrieves an attribute from the specified scope.
* **setAttribute(String name, Object value):** Sets an attribute in the specified scope.
* **getRequest():** Retrieves the request object.
* **getResponse():** Retrieves the response object.