

UNIT - 2

HTTPServerResponse Method-
sendError()

Status Code Categories

- ⦿ 1XX – (100-199) – Informational
- ⦿ 2XX – (200-299) – Success
- ⦿ 3XX – (300-399) – Redirection
- ⦿ 4XX – (400-499) – Client error
- ⦿ 5XX – (500-599) – Server error

1xx Informational

1. 100 Continue
2. 101 Switching Protocols
3. 102 Processing

2xx Success

1. 200 OK
2. 201 Created
3. 202 Accepted
4. 203 Non-Authoritative Information
5. 204 No Content
6. 205 Reset Content
7. 206 Partial Content
8. 207 Multi-Status
9. 208 Already Reported

3xx Redirection

1. 300 Multiple Choices
2. 301 Moved Permanently
3. 302 Found
4. 303 See Other
5. 304 Not Modified
6. 305 Use Proxy
7. 307 Temporary Redirect

4XX Client Error

1. 400 Bad Request
2. 401 Unauthorized
3. 402 Payment Required
4. 403 Forbidden
5. 404 Not Found
6. 405 Method Not Allowed
7. 406 Not Acceptable
8. 407 Proxy Authentication Required
9. 408 Request Timeout
10. 409 Conflict
11. 410 Gone
12. 411 Length Required
13. 412 Precondition Failed
14. 413 Request Entity Too Large
15. 414 Request-URI Too Long
16. 415 Unsupported Media Type
17. 416 Requested Range Not Satisfiable
18. 417 Expectation Failed

5XX Server Error

1. 500 Internal Server Error
2. 501 Not Implemented
3. 502 Bad Gateway
4. 503 Service Unavailable
5. 504 Gateway Timeout
6. 505 HTTP Version Not Supported

sendError(int)

sendError(int, string)

- Sets appropriate header and body and body content for sending error messages to the client.


```
String name
    =req.getParameter("username");

if(name.equals("priya") &&
    pass.equals("priya123"))
{
    req.setAttribute("uname",
        name);

    res.sendRedirect("validpage")
    ;
}
```

Authentication.java

```
pw.println("Hello !
    "+req.getAttribute("uname"))
    ;

if(req.getAttribute("uname")==null)
{
    res.sendError(res.SC_BAD_REQUEST, "important parameter
        needed");
}
```

WelcomePage.java