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| **LAB # 04** |
| ADVANCED PROGRAMMING |
| **BSCS – 2B** |

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**EXPLANATION OF WEB SERVER:**

* This is a web server made in java
* It basically accepts request from a client from the webh browser processes the request and shows the output file
* If no file name is specified that is you only write localhost:<port number>

It appends the rewquest with “\” and displays a **basic.html** page saying “welcome to the web server”

* Checks and sets the mime type of .**jpeg , .jpg , .docx, .html, .gif , .class** files
* It downloads the image and document files and displays the text file on the browser screen.
* User friendly like if the user enters “/” instead of “\” it autocorrects to produce accorate result.
* Produces error message like **400- Bad Error , 404 –file not found**
* Displays eroor code **200 “ok”** message
* If the user enters a directory and dosent end the request correctly or dosent enter the name of the file it displays error **301”moved prmanently”**