



**Department of Electrical and Computer Engineering
Modern Distributed Systems**

Assignment#1

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- Note that I am don't re code the html files that used in the first time I just make a **.GO** server to make the project as wanted, Also there is a comment in each wanted steep.
- Maybe there is un-necessary files in the same folder because I copy the same files in the first try-steep to solve this assignment.
- Using GO language to learn what you mention in the class thanks for mention funny language.

The code and the code comments is achieve in the same folder for this assignment in the [server.go](#) file.

The index.html as before, the wanted in the steep one of the server, like what image 1 shows.

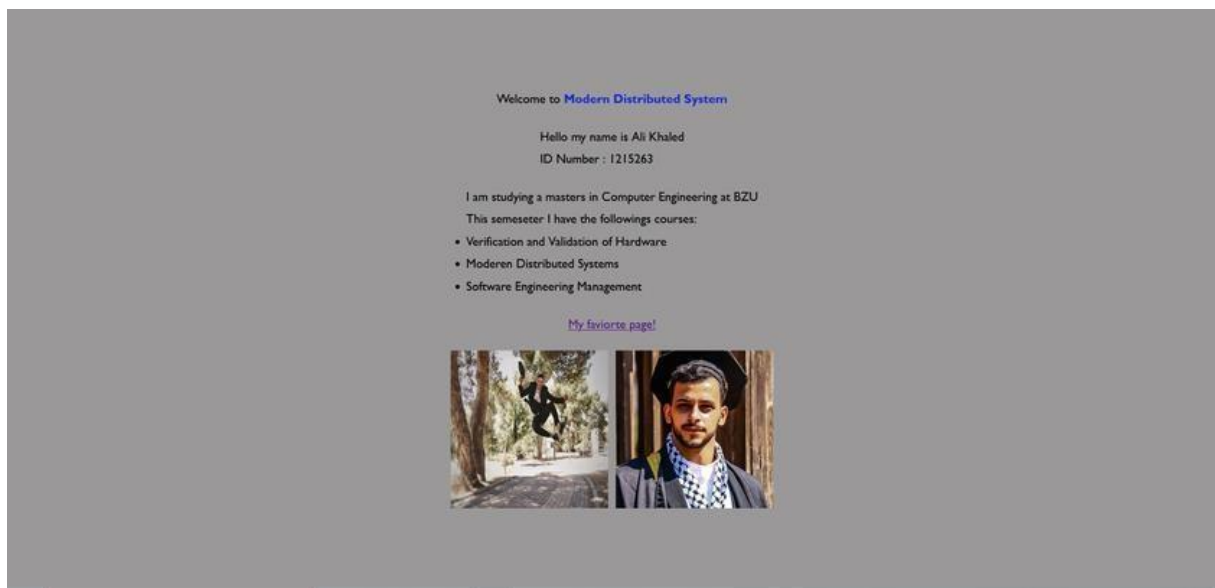


Image 1 : Index.html

Image 1 shows that the index.html file outcome and this is some wanted feature in the server, and the wanted from steep one is that.

Also controlling my favorite page as image 2 show that is just an empty file including GAME! txt.

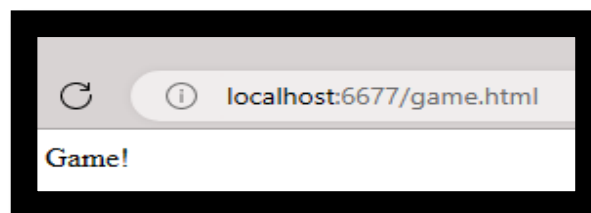


Image 2:my favorit pag.

Its an simple folder that related of the 404 error as showing in the image 3, that contain the error message and my name with my registration number also the IP and PORT number of the devise open the page.



Image 3: 404 page.

Also ,a hypertext [Go Back](#) to go to index.html, and the req backed to the server as image 4 shows.

```
aalik@DESKTOP-D420TV3 MINGW64 /e/BZU/Student/Third symester 103/MODERN DISTRIBUTE
D SYSTEMS/assignment 1 using GO Ali Hammoudeh 1215263
$ go run server.go
2022/12/14 04:55:35 http: superfluous response.WriteHeader call from main.main.fu
nc1 (server.go:14)
2022/12/14 04:55:35 http: superfluous response.WriteHeader call from main.main.fu
nc1 (server.go:67)
2022/12/14 04:55:48 http: superfluous response.WriteHeader call from main.main.fu
nc1 (server.go:14)
2022/12/14 04:55:49 http: superfluous response.WriteHeader call from main.main.fu
nc1 (server.go:67)
exit status 0xc000013a
```

Image 4: server req.

This is all pages that related of the assignment 1.

EACH steep outcome.

Steep 2: This code checks the path of the request and, if it ends with .html, serves the corresponding file using the `http.ServeFile` function. It sets the Content-Type response header to `text/html` to indicate that the file being served is an HTML file. If the request is for any other path, it will handle the request as before and send a response with a message containing the requested path.

Steep 3: This code checks the path of the request and, if it ends with .css, serves the corresponding file using the `http.ServeFile` function. It sets the Content-Type response header to `text/css` to indicate that the file being served is a CSS file. If the request is for any other

path, it will handle the request as before and send a response with a message containing the requested path.

Steep 4: This code checks the path of the request and, if it ends with .js, serves the corresponding file using the http.ServeFile function. It sets the Content-Type response header to application/javascript to indicate that the file being served is a JavaScript file. If the request is for any other path, it will handle the request as before and send a response with a message containing the requested path.

Steep 5: This code checks the path of the request and, if it ends with .png, serves the corresponding file using the http.ServeFile function. It sets the Content-Type response header to image/png to indicate that the file being served is a PNG image. If the request is for any other path, it will handle the request as before and send a response with a message containing the requested path.

Steep 6: corresponding file using the http.ServeFile function. It sets the Content-Type response header to image/jpeg to indicate that the file being served is a JPEG image. If the request is for any other path, it will handle the request as before and send a response with a message containing the requested path.

Steep 7: This code checks the requested path and uses the http.Redirect function to redirect the client to the appropriate website. It sets the status code to 307 Temporary Redirect to indicate that the client should temporarily redirect to the new URL. If the request is for any other path, it will handle the request as before and send a response with a message containing the requested path.

Steep 8: This code checks the requested is wrong or the file doesn't exist the server should return a simple HTML webpage that contains (Content-Type: text/html)

Thanks.