

Assignment Instructions GO

Rafael and Julien

March 2023

1 Assignment Instructions - Server Side with GO

The purpose of this assignment is just to introduce the basic concepts of how to manage server-side/HTTP response-request using GO.

- Create a HandleFunc to handle the home page. It will show the option to add another person or list all people.
- Create another HandleFunc to add the person.
- Create a HandleFunc to list all the people.
- HTTP ListenAndServe to setup the port for a server
- Create a struct Person with two fields Name and Age, both strings data type.
- After that, create a function called handleHome having as input parameters a request and response. The role of this method is to send the user to the index.html file.
- Create a function called handleAdd having as input parameters a request and response.

Create a switch or If to get the if the request is a GET or POST.

If it is a GET redirect to add.html

if it is a POST is going to add a person object

*First thing you need to retrieve the form's information

*Open the Jason File and have an slice to retrieve all the people

*You need to create a new object using the form information.

*After that append the new person object to your slice.

*Convert everything back to Jason.

Handle any error if you would like to.

- Create a function `handleList` having as input parameters a request and response.
- This Function will open the Jason file load all the people into a slice and then send it back to the `list.html` with the slice passed in.
- In the `list.html` loop over the people slice and print every person.
- Handle any errors if you would like to.