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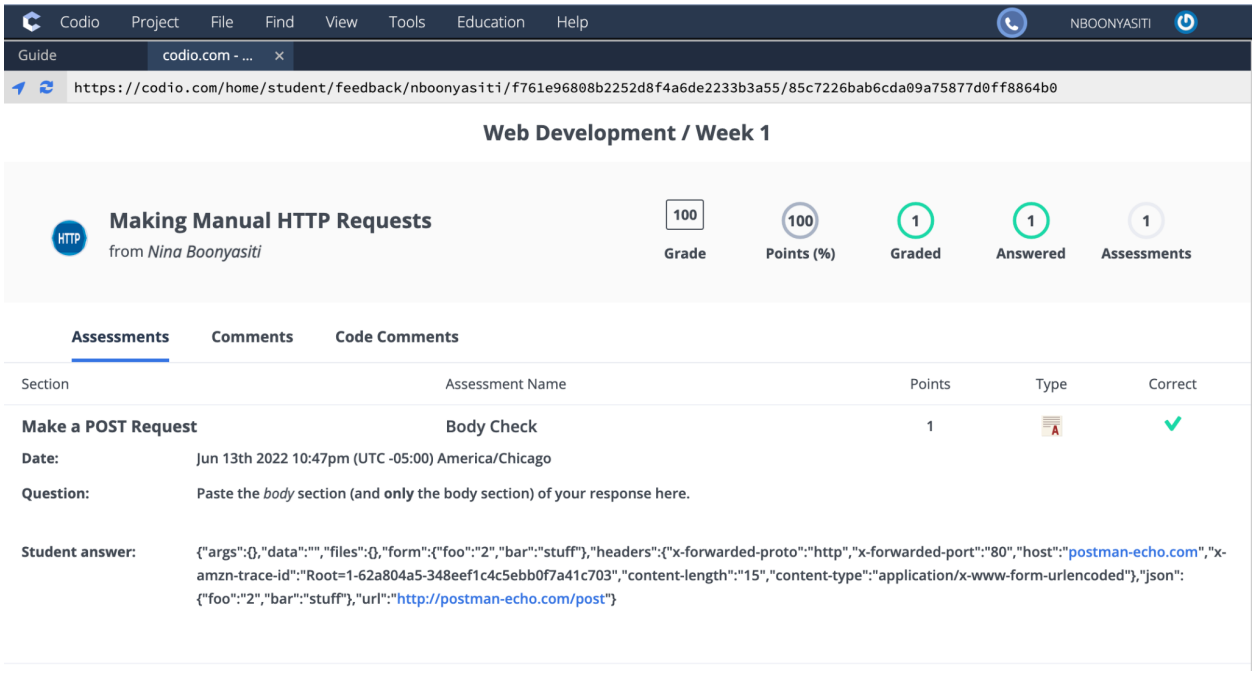
EECS 692

Assignment: [Tutorial] Making Manual HTTP Requests
Due Date: June 10th by 11:59pm
Points: 10
Description: In this lesson we will explore HTTP 1.1 requests and responses by creating requests by hand using the netcat linux tool.
Overall Summary:

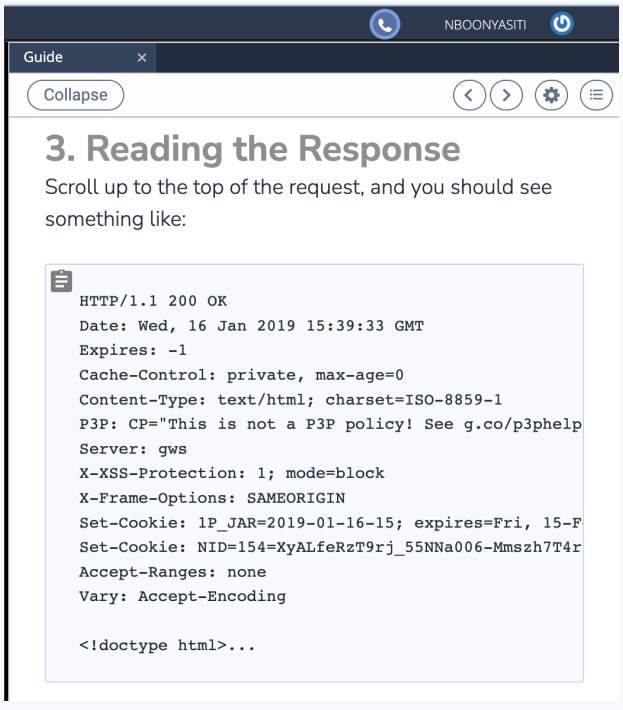



```
$ nc google.com 80
```

We begin the tutorial by asking Linux to run netcat. We use google.com and 80 as the web server and port we want to connect to.

`GET / HTTP/1.1`

We request a resource from the server and specify the version of HTTP we are using. We should now get an HTTP response from Google's server. Below is an image of what Google's server response looks like.



`$ nc postman-echo.com 80`

Now we will open a connection with netcat through port 80.

```
POST /post HTTP/1.1
Host: postman-echo.com
Content-Type: application/x-www-form-urlencoded
Content-Length: 15
foo=2&bar=stuff
```

We enter these lines in sequential order to run the netcat process and send our request. We will then receive a response like this:

To complete our assignment, we post the body of the POST request response.