

```
Windows PowerShell
d----- 5/6/2024 12:21 AM xiao
-a----- 5/6/2024 12:21 AM 4108193 blink.gif
-a----- 5/6/2024 12:21 AM 283 blink.ino
-a----- 5/6/2024 12:21 AM 437 blinky.js
-a----- 5/6/2024 12:21 AM 639 blink_on_duo.py
-a----- 5/6/2024 12:21 AM 356 hello-world.js
-a----- 5/6/2024 12:21 AM 949 hello.js
-a----- 5/6/2024 12:21 AM 1404 http.js
-a----- 5/6/2024 12:21 AM 300 index.js
-a----- 5/6/2024 12:21 AM 667 MT7688.ino
-a----- 5/6/2024 12:21 AM 2801 PM_Sensor_Kit_Code.ino
-a----- 5/6/2024 12:21 AM 1861 publish.ino
-a----- 5/6/2024 12:21 AM 1553 rainbow_led.ino
-a----- 5/6/2024 12:21 AM 18409 README.md
-a----- 5/6/2024 12:21 AM 1060 rgb_led.ino
-a----- 5/6/2024 12:21 AM 16 say_hello.mustache
-a----- 5/6/2024 12:21 AM 560 say_hello.py
-a----- 5/6/2024 12:21 AM 400 sound.ino
-a----- 5/6/2024 12:21 AM 3163 sound_detector_demo.ino
-a----- 5/6/2024 12:21 AM 1917 subscribe.ino
-a----- 5/6/2024 12:21 AM 3 test.txt
-a----- 5/6/2024 12:21 AM 2249 tinker.ino
-a----- 5/6/2024 12:21 AM 484 toggle.html
-a----- 5/6/2024 12:21 AM 542 toggle.ino
-a----- 5/6/2024 12:21 AM 621 variable.ino

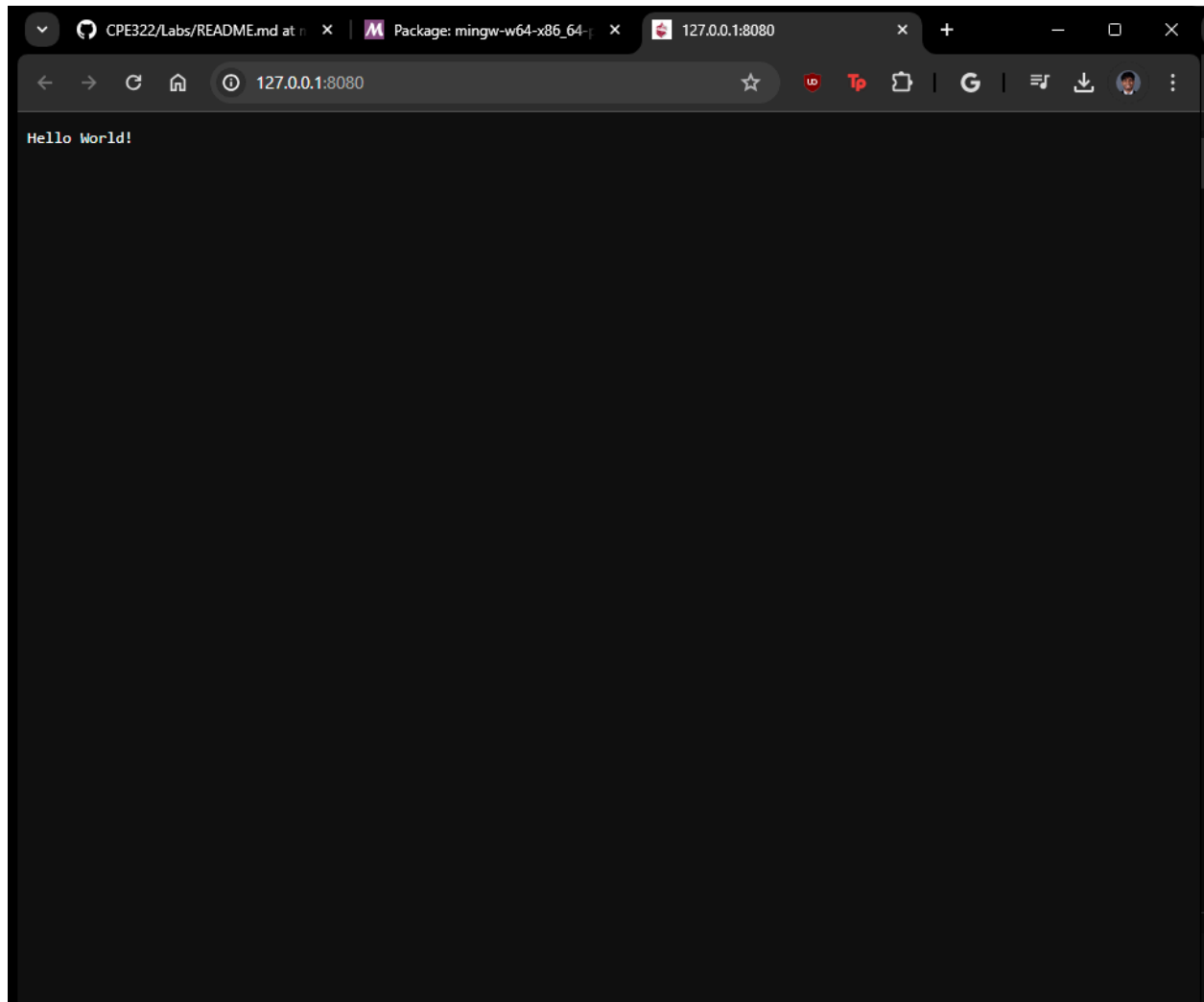
PS C:\Users\andre\downloads\iot\lesson6> node hello-world.js
Server running at http://127.0.0.1:3000/
```

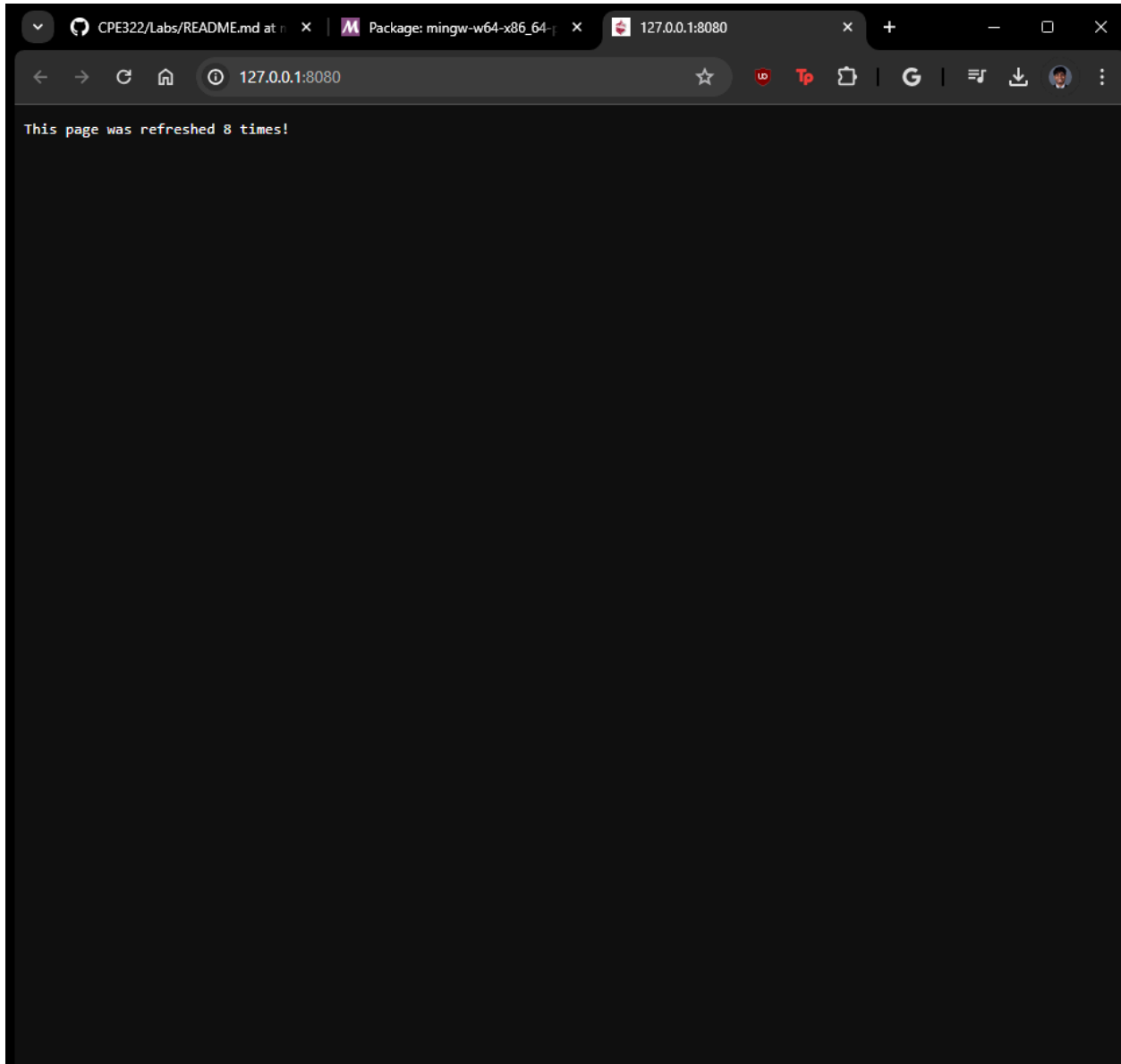
```
127.0.0.1:3000
Hello, World!
```

```
Windows PowerShell
-a----      5/6/2024  12:21 AM          639 blink_on_duo.py
-a----      5/6/2024  12:21 AM          356 hello-world.js
-a----      5/6/2024  12:21 AM          949 hello.js
-a----      5/6/2024  12:21 AM         1404 http.js
-a----      5/6/2024  12:21 AM          300 index.js
-a----      5/6/2024  12:21 AM          667 MT7688.ino
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-a----      5/6/2024  12:21 AM         1861 publish.ino
-a----      5/6/2024  12:21 AM         1553 rainbow_led.ino
-a----      5/6/2024  12:21 AM        18409 README.md
-a----      5/6/2024  12:21 AM         1060 rgb_led.ino
-a----      5/6/2024  12:21 AM           16 say_hello.mustache
-a----      5/6/2024  12:21 AM          560 say_hello.py
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-a----      5/6/2024  12:21 AM        3163 sound_detector_demo.ino
-a----      5/6/2024  12:21 AM        1917 subscribe.ino
-a----      5/6/2024  12:21 AM           3 test.txt
-a----      5/6/2024  12:21 AM        2249 tinkler.ino
-a----      5/6/2024  12:21 AM          484 toggle.html
-a----      5/6/2024  12:21 AM          542 toggle.ino
-a----      5/6/2024  12:21 AM          621 variable.ino

PS C:\Users\andre\downloads\iot\lesson6> node hello-world.js
Server running at http://127.0.0.1:3000/
PS C:\Users\andre\downloads\iot\lesson6> node hello.js
Server running at http://127.0.0.1:8080/
response end call done
request end event fired

Previous 7 Days
```





```
Windows PowerShell
-a----      5/6/2024  12:21 AM          560 say_hello.py
-a----      5/6/2024  12:21 AM          400 sound.ino
-a----      5/6/2024  12:21 AM        3163 sound_detector_demo.ino
-a----      5/6/2024  12:21 AM        1917 subscribe.ino
-a----      5/6/2024  12:21 AM           3 test.txt
-a----      5/6/2024  12:21 AM        2249 tinkler.ino
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-a----      5/6/2024  12:21 AM          621 variable.ino

PS C:\Users\andre\downloads\iot\lesson6> node hello-world.js
Server running at http://127.0.0.1:3000/
PS C:\Users\andre\downloads\iot\lesson6> node hello.js
Server running at http://127.0.0.1:8080/
response end call done
request end event fired
PS C:\Users\andre\downloads\iot\lesson6> node http.js
PS C:\Users\andre\downloads\iot\lesson6> ^C
PS C:\Users\andre\downloads\iot\lesson6> node http.js
0
1
2
3
4
5
6
7
|
```

```
PS C:\Users\andre\downloads\iot\lesson6> cat .\say_hello.mustache
Hello, {{to}}!
PS C:\Users\andre\downloads\iot\lesson6> cat say_hello.py
# https://github.com/defunkt/pystache
import pystache
print(pystache.render('Hi {{person}}!', {'person': 'Alexa'}))

# Create dedicated view classes to hold view logic
class SayHello(object):
    def to(self):
        return "World"
hello = SayHello()

# Use template in say_hello.mustache
renderer = pystache.Renderer()
print(renderer.render(hello))

# Pre-parse a template
parsed = pystache.parse('Hey {{#who}}{{.}}!{{/who}}')
print(parsed)
print(renderer.render(parsed, {'who': 'Google'}))
print(renderer.render(parsed, {'who': 'Siri'}))
PS C:\Users\andre\downloads\iot\lesson6> |
```

```
PS C:\Users\andre\downloads\iot\lesson6> python say_hello.py
Hi Alexa!
Hello, World!

['Hey ', _SectionNode(key='who', index_begin=12, index_end=18, parsed=[_EscapeNode(key='.'), '!'])]
Hey Google!
Hey Siri!
PS C:\Users\andre\downloads\iot\lesson6> |
```

In this lab we learned about Node.js and how to run a website using it.