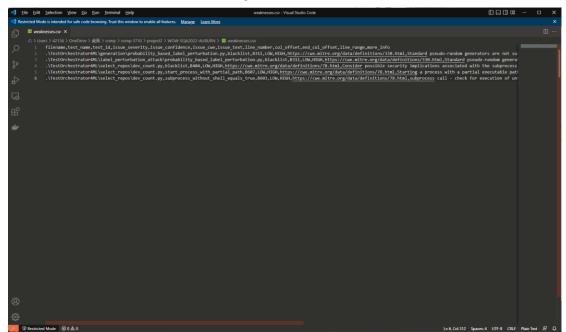
Project Report for Team WOW

Team name: WOW

Team member: Jingming Chen

Activities 4A:

To finish this part and detect the **security weaknesses**, I rename the pre-commit hook file and set it in the root folder. To make it been seen, I copy it and paste it outside. Also write a bandit command for writing a csv file record what it found.



Activities 4B:

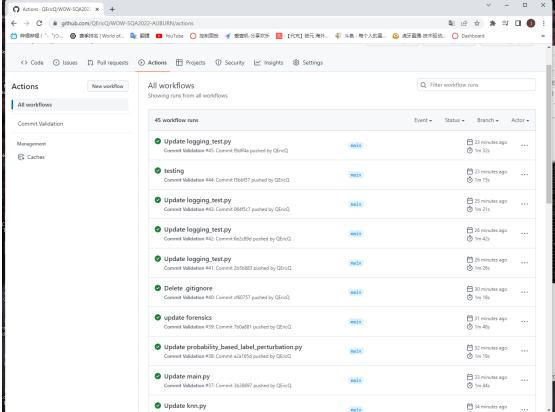
This step lets us use $\mathbf{fuzzing}$ to detect any 5 methods we chose. So, I choose $\mathbf{generateAttack}$ $\mathbf{predict}$ $\mathbf{calculate_k}$

generate_malicious_instance

calculate_metrics

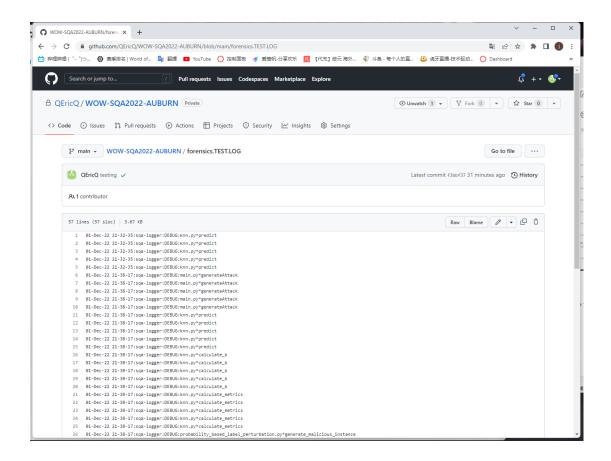
these five methods. During my code, I use both fit and bad data to check it. Also, I create a workflow file to make sure it can be executed in the python action automatically.





Activities 4C:

I created a **logging_**test python file to accomplish this step. I use debug to test the 5 methods I choose above.



Knowledge learned and Summarize:

For what I learn in these lessons, it really a lot. I love what I learned about log and csv, learning ways that create and record the output of our code. Then, both fuzzing and security weaknesses help me digging into the code I wrote, to detect the deficiency, it will be really helpful in my future studying or working. The Forensics and logging are cool, it helps us to check the method we choose to put it in, detect is there any error during runtime/testing. I still not familiar with this module. Because we just use it during workshop9 that I can use the code in it help us finish it. I will keep learning it,