

A Challenging Task (40 marks)

I have modified the quiz site (protest) to have weaker security and leak some information.

You'll find the assignment available as "task 3" on protest. You may *submit as often as you want* and the final submission will be marked as your assignment grade. You'll have to figure out a way of getting a good mark on this assignment as the questions themselves do not lend themselves to being easily answered based on knowledge.

The first half you should be able to get through protest itself using leaked information; the second half you'll need to write a script to do you own web requests.

Do not answer question 6 manually! It will take you far too long and I'll be able to detect it through the server logs and give you no points anyways, so write a program to automate it. To get last one you'll have to figure out how the webserver has had its security weakened.

When doing this exercise, use protest and submit the task while looking at the web console and the network transmissions. What actually happens when you submit data. What is the format or encoding of that data.

For doing custom web request, you can use the tool `curl`. It also allows you to do POST requests with `-d`.