

# PSP0201

## Week 5

## Writeup

Group Name: ikun no 1

Members

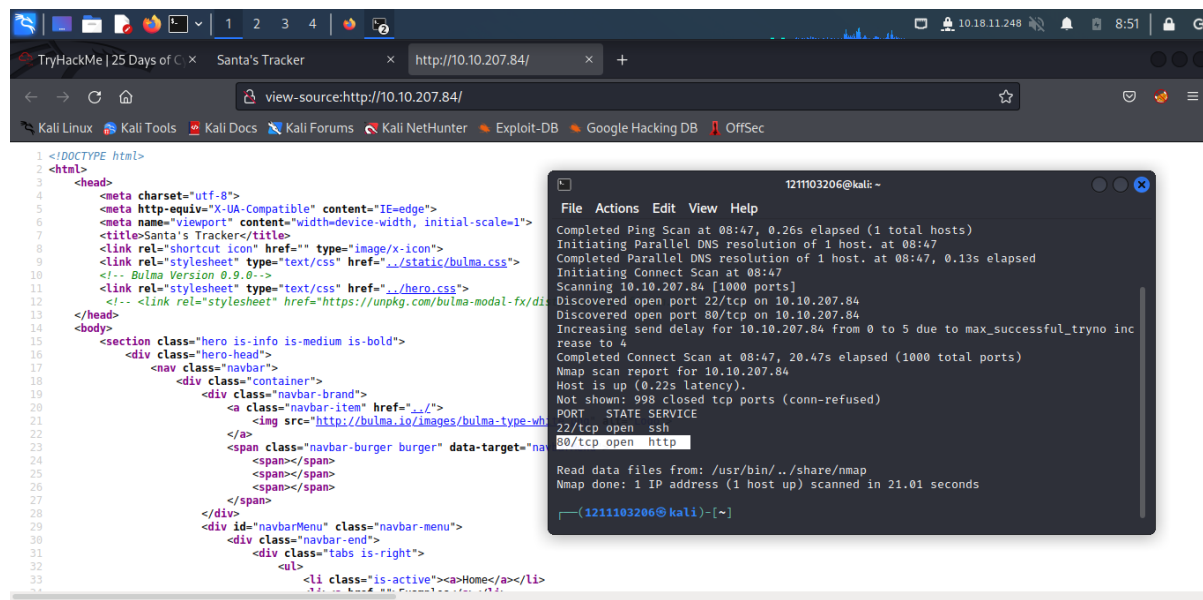
ID	Name	Role
1211102058	Chu Liang Chern	Leader
1211101401	Chong Jii Hong	Member
1211103206	Ng Kai Keat	Member
1211103095	Siddiq Ferhad Bin Khairil Anual	Member

## Day 16: Scripting Help! Where is Santa?

Tool used: Kali-Linux

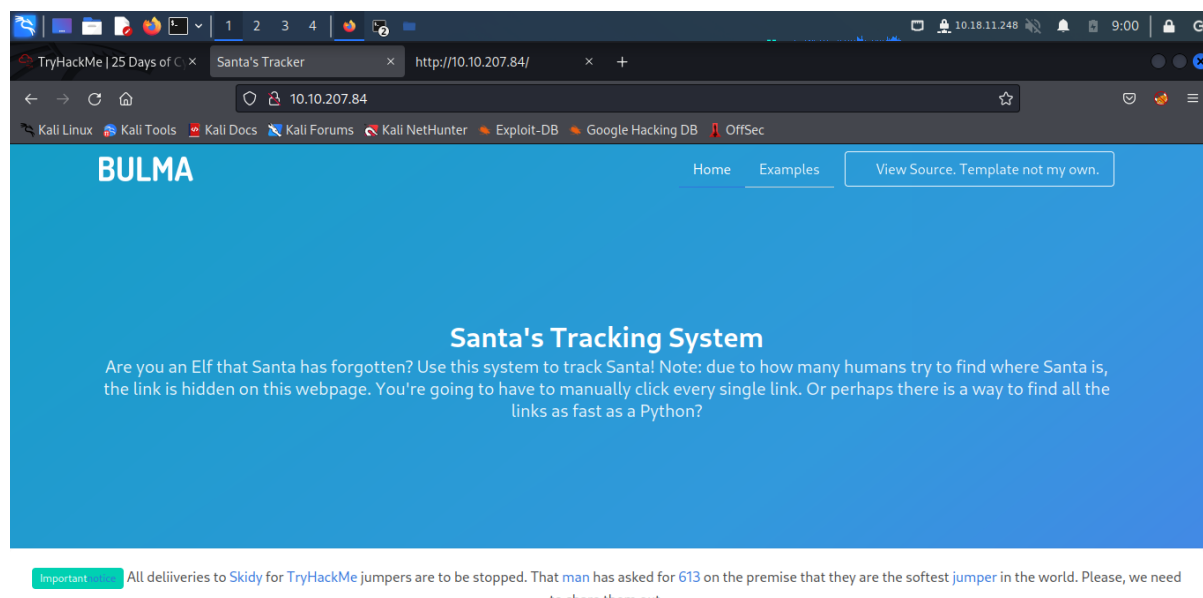
Solution/walkthrough:

### Question 1



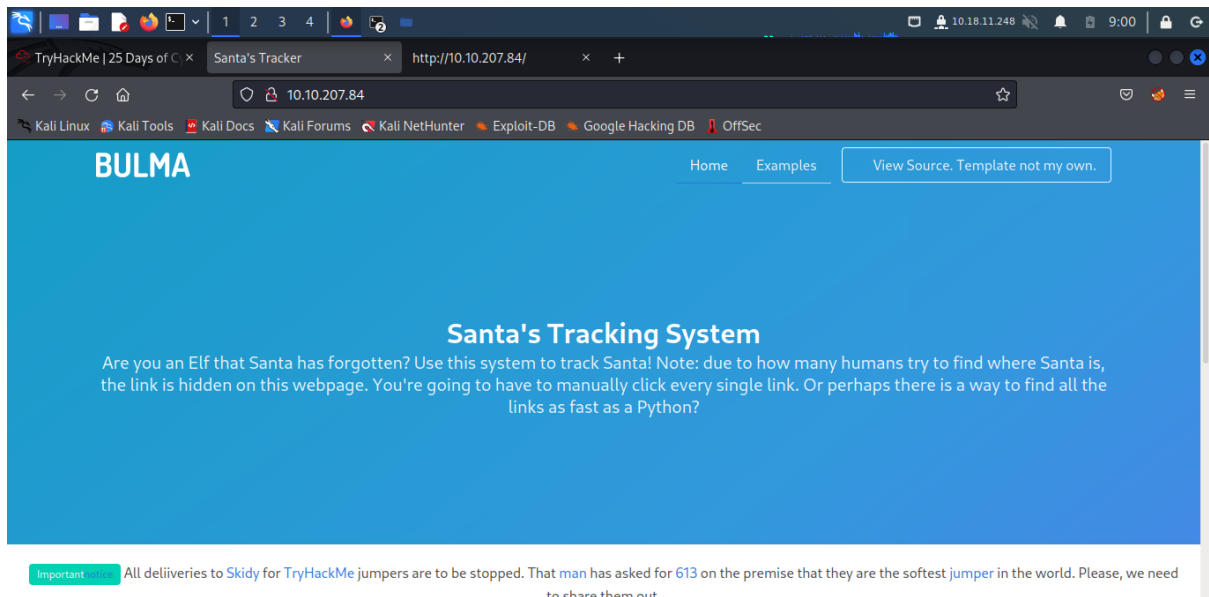
Use nmap to scan it and the port shown.

### Question 2

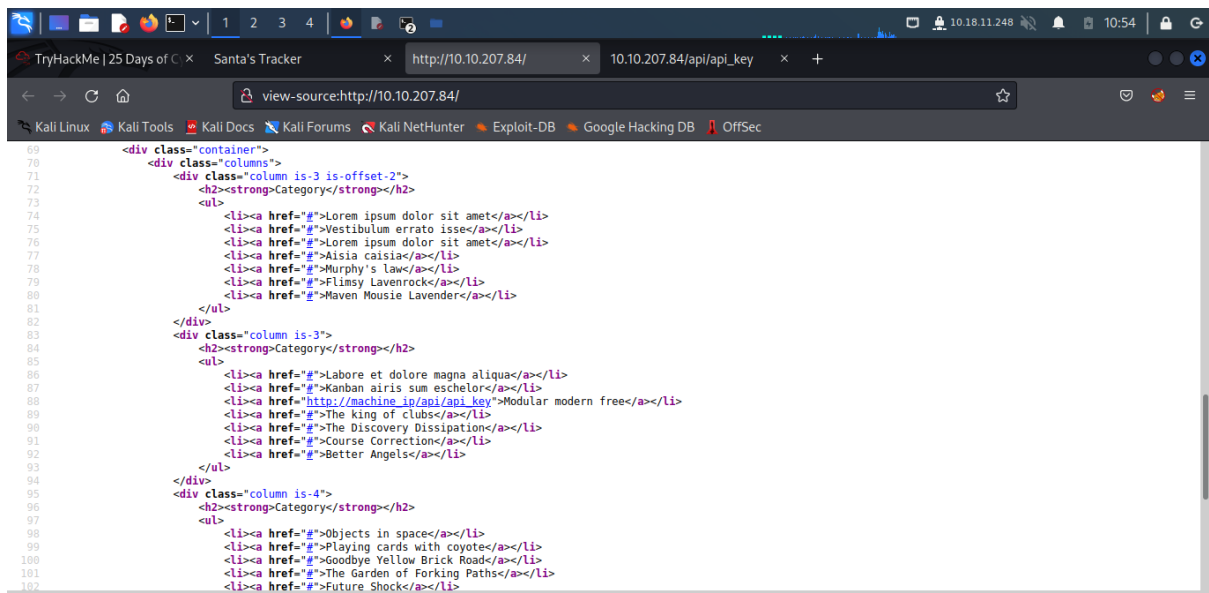


The answer is on the top left corner.

### Question 3

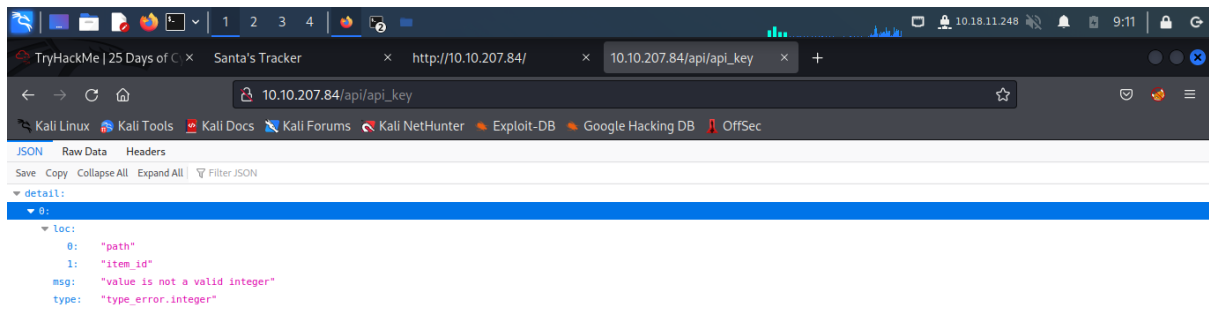


Copy the ip address and paste on the URL bar.

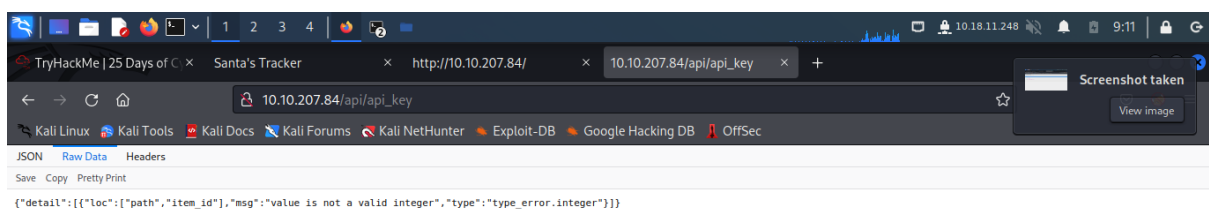


Then, view the page source. Next, find the not regular link and the answer shown.

### Question 4

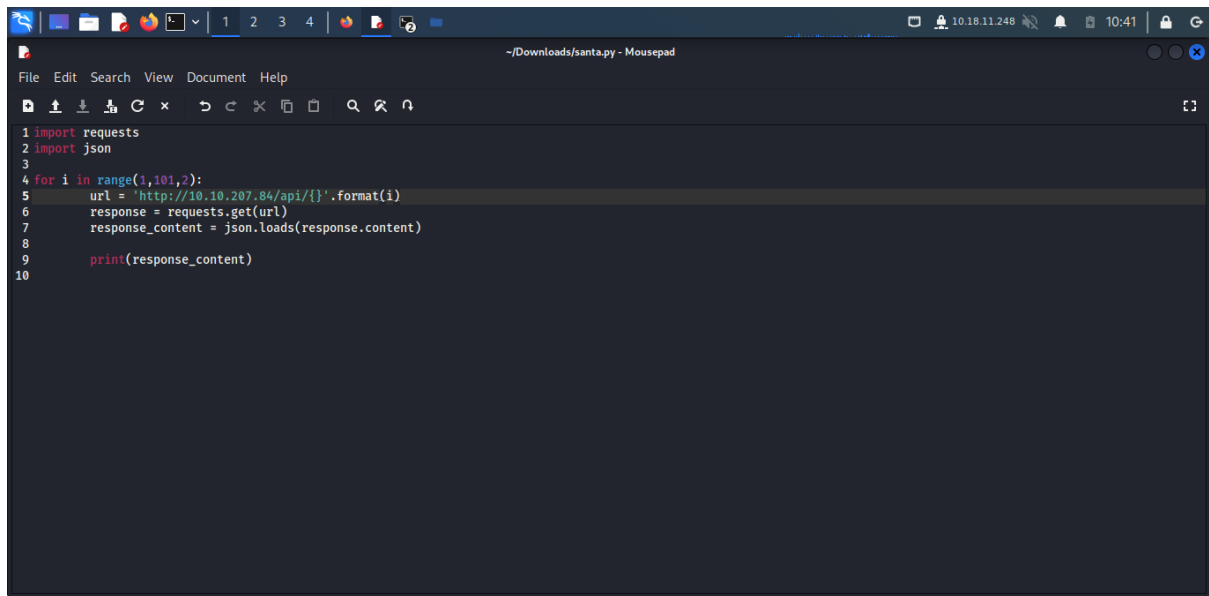


Copy the link that we just found and paste on a new tab and change the machine ip into own ip.



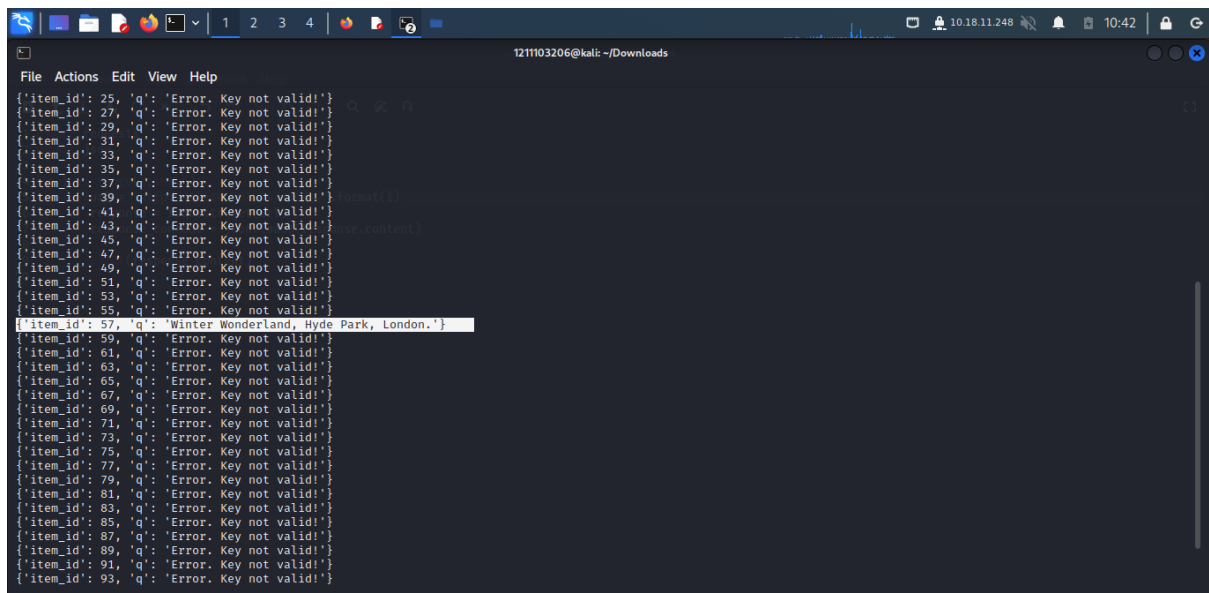
Then, open raw data and the answer shown.

### Question 5



```
1 import requests
2 import json
3
4 for i in range(1,101,2):
5     url = 'http://10.10.207.84/api/{}'.format(i)
6     response = requests.get(url)
7     response_content = json.loads(response.content)
8
9     print(response_content)
10
```

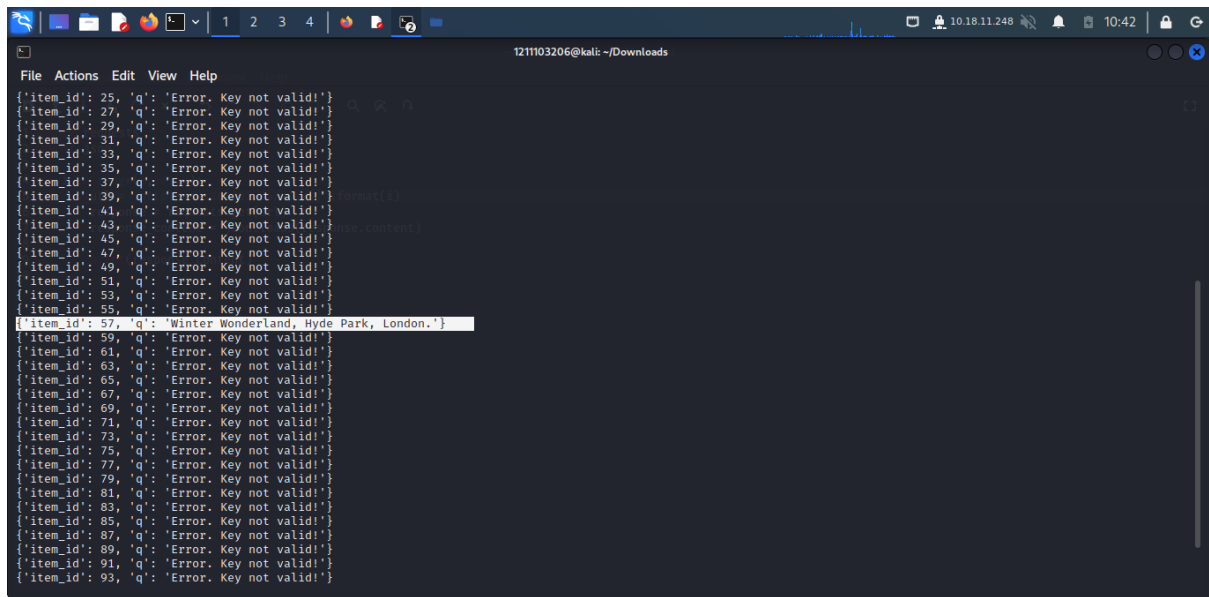
Create a file in mousepad and save it name with santa.py.



```
{'item_id': 25, 'q': 'Error. Key not valid!'}
{'item_id': 27, 'q': 'Error. Key not valid!'}
{'item_id': 29, 'q': 'Error. Key not valid!'}
{'item_id': 31, 'q': 'Error. Key not valid!'}
{'item_id': 33, 'q': 'Error. Key not valid!'}
{'item_id': 35, 'q': 'Error. Key not valid!'}
{'item_id': 37, 'q': 'Error. Key not valid!'}
{'item_id': 39, 'q': 'Error. Key not valid!'}
{'item_id': 41, 'q': 'Error. Key not valid!'}
{'item_id': 43, 'q': 'Error. Key not valid!'}
{'item_id': 45, 'q': 'Error. Key not valid!'}
{'item_id': 47, 'q': 'Error. Key not valid!'}
{'item_id': 49, 'q': 'Error. Key not valid!'}
{'item_id': 51, 'q': 'Error. Key not valid!'}
{'item_id': 53, 'q': 'Error. Key not valid!'}
{'item_id': 55, 'q': 'Error. Key not valid!'}
{'item_id': 57, 'q': 'Winter Wonderland, Hyde Park, London.'}
{'item_id': 59, 'q': 'Error. Key not valid!'}
{'item_id': 61, 'q': 'Error. Key not valid!'}
{'item_id': 63, 'q': 'Error. Key not valid!'}
{'item_id': 65, 'q': 'Error. Key not valid!'}
{'item_id': 67, 'q': 'Error. Key not valid!'}
{'item_id': 69, 'q': 'Error. Key not valid!'}
{'item_id': 71, 'q': 'Error. Key not valid!'}
{'item_id': 73, 'q': 'Error. Key not valid!'}
{'item_id': 75, 'q': 'Error. Key not valid!'}
{'item_id': 77, 'q': 'Error. Key not valid!'}
{'item_id': 79, 'q': 'Error. Key not valid!'}
{'item_id': 81, 'q': 'Error. Key not valid!'}
{'item_id': 83, 'q': 'Error. Key not valid!'}
{'item_id': 85, 'q': 'Error. Key not valid!'}
{'item_id': 87, 'q': 'Error. Key not valid!'}
{'item_id': 89, 'q': 'Error. Key not valid!'}
{'item_id': 91, 'q': 'Error. Key not valid!'}
{'item_id': 93, 'q': 'Error. Key not valid!'}
```

Then, sudo the file with python3 and the answer shown.

## Question 6



The screenshot shows a Kali Linux terminal window with a dark theme. The window title is "1211103206@kali: ~/Downloads". The terminal displays a list of items, each with an "item\_id" and a "q" value. Most items have a "q" value of "Error. Key not valid!". The item with "item\_id": 57 is highlighted with a white background and contains the text "Winter Wonderland, Hyde Park, London.".

```
File Actions Edit View Help
{'item_id': 25, 'q': 'Error. Key not valid!'}
{'item_id': 27, 'q': 'Error. Key not valid!'}
{'item_id': 29, 'q': 'Error. Key not valid!'}
{'item_id': 31, 'q': 'Error. Key not valid!'}
{'item_id': 33, 'q': 'Error. Key not valid!'}
{'item_id': 35, 'q': 'Error. Key not valid!'}
{'item_id': 37, 'q': 'Error. Key not valid!'}
{'item_id': 39, 'q': 'Error. Key not valid!'}
{'item_id': 41, 'q': 'Error. Key not valid!'}
{'item_id': 43, 'q': 'Error. Key not valid!'}
{'item_id': 45, 'q': 'Error. Key not valid!'}
{'item_id': 47, 'q': 'Error. Key not valid!'}
{'item_id': 49, 'q': 'Error. Key not valid!'}
{'item_id': 51, 'q': 'Error. Key not valid!'}
{'item_id': 53, 'q': 'Error. Key not valid!'}
{'item_id': 55, 'q': 'Error. Key not valid!'}
{'item_id': 57, 'q': 'Winter Wonderland, Hyde Park, London.'}
{'item_id': 59, 'q': 'Error. Key not valid!'}
{'item_id': 61, 'q': 'Error. Key not valid!'}
{'item_id': 63, 'q': 'Error. Key not valid!'}
{'item_id': 65, 'q': 'Error. Key not valid!'}
{'item_id': 67, 'q': 'Error. Key not valid!'}
{'item_id': 69, 'q': 'Error. Key not valid!'}
{'item_id': 71, 'q': 'Error. Key not valid!'}
{'item_id': 73, 'q': 'Error. Key not valid!'}
{'item_id': 75, 'q': 'Error. Key not valid!'}
{'item_id': 77, 'q': 'Error. Key not valid!'}
{'item_id': 79, 'q': 'Error. Key not valid!'}
{'item_id': 81, 'q': 'Error. Key not valid!'}
{'item_id': 83, 'q': 'Error. Key not valid!'}
{'item_id': 85, 'q': 'Error. Key not valid!'}
{'item_id': 87, 'q': 'Error. Key not valid!'}
{'item_id': 89, 'q': 'Error. Key not valid!'}
{'item_id': 91, 'q': 'Error. Key not valid!'}
{'item_id': 93, 'q': 'Error. Key not valid!'}
```

The item id is 57.