Saturn (web challenge)

URL sanitization

look through files

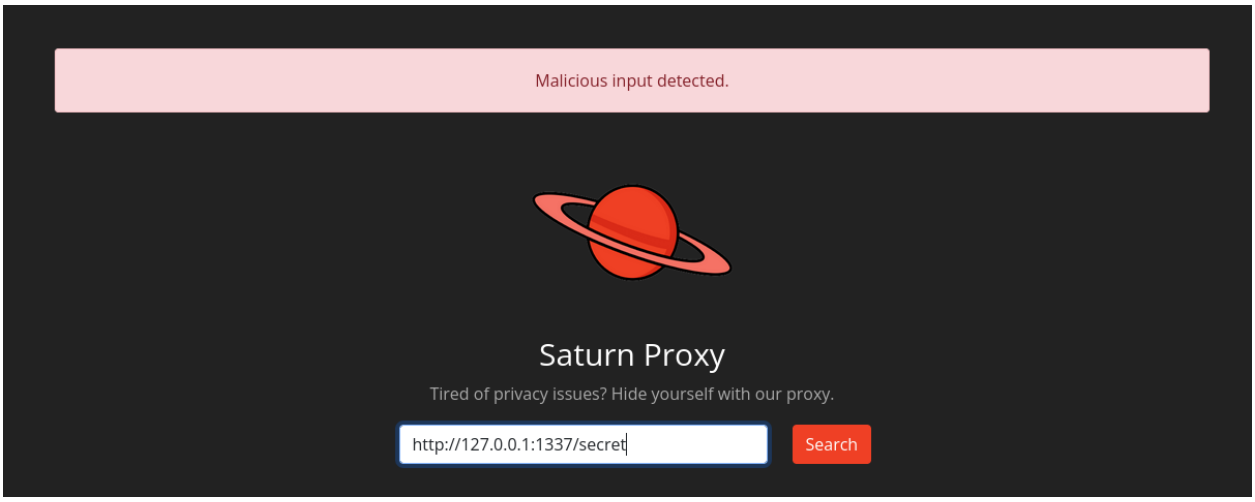
app.py

```python
@app.route('/secret')
def secret():
    if request.remote_addr == '127.0.0.1':
        flag = ""
        with open('./flag.txt') as f:
            flag = f.readline()
        return render_template('secret.html', SECRET=flag)
    else:
        return render_template('forbidden.html'), 403


if __name__ == '__main__':
    app.run(host="0.0.0.0", port=1337, threaded=True)

```

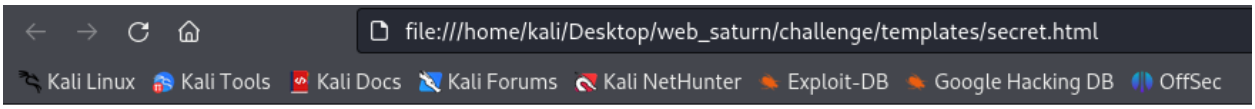
flag.txt is in /secret on localhost (127.0.0.1) on port 1337

input below returns malicious input detected, need to access webpage with different URL input

```
http://127.0.0.1:1337/secret
```



secret.html



Congratulations!

{{ SECRET }}

```
with open('./flag.txt') as f:
    flag = f.readline()
return render_template('secret.html', SECRET=flag)
```

webpage returns the flag

need to access through input box but can't because of input sanitization

shorten URL using website to get around input sanitization

https://cutt.ly/en

gives shortened/ redirect URL

```
https://cutt.ly/LwJAVN9P
```

paste into input box on page

gives flag

happy hacking <3