Lab 5
Secure Coding-Lab

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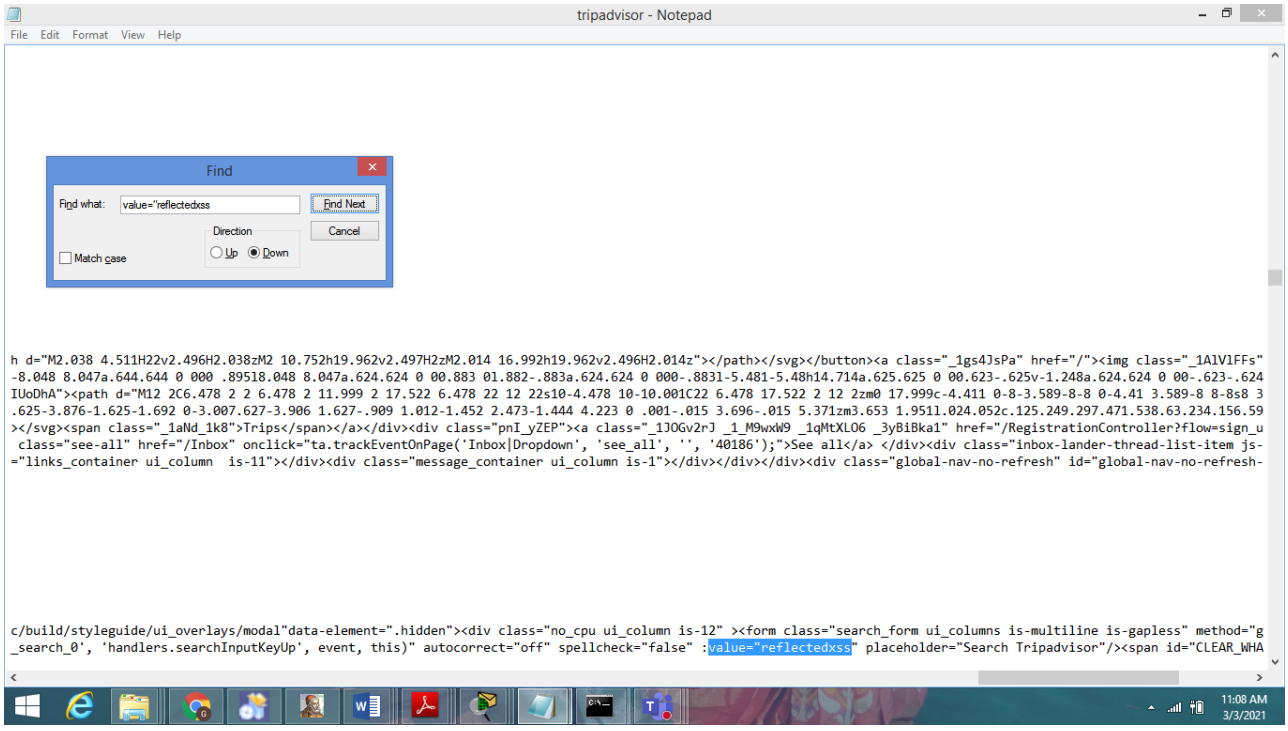
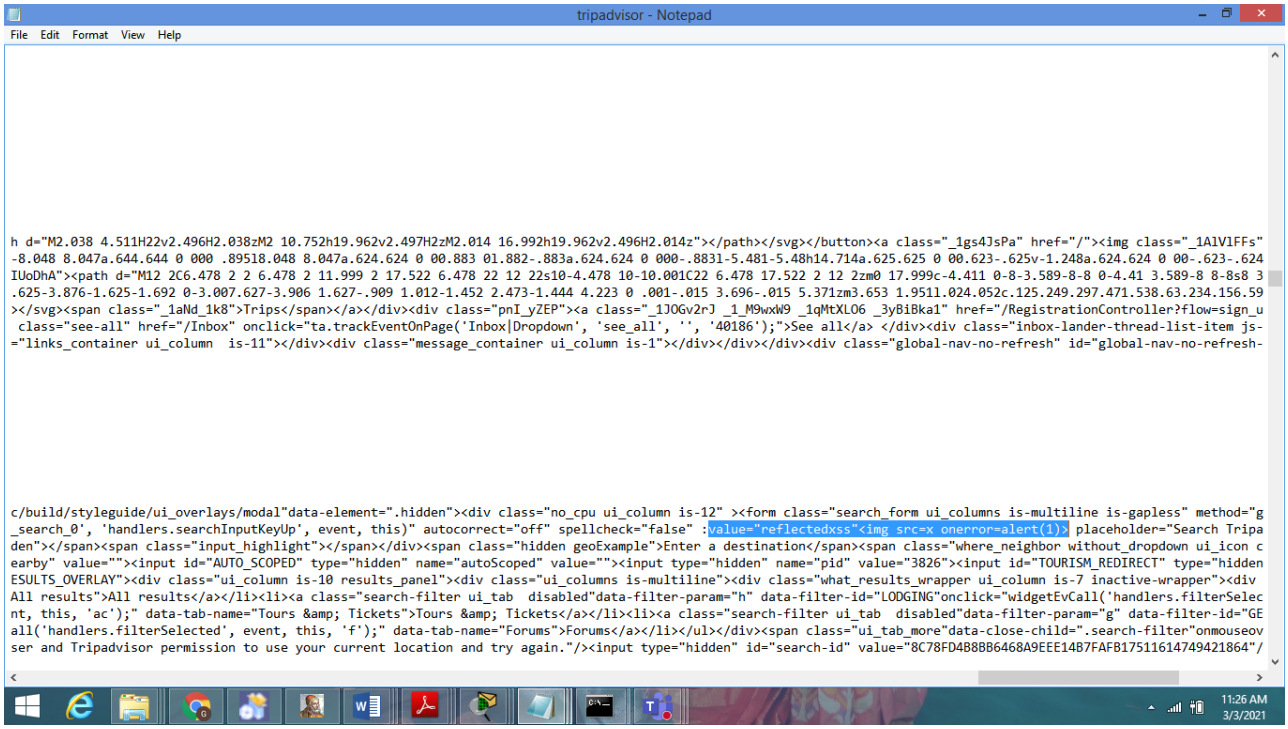
HOW SECURE CODING IS RELATED TO XSS?

Cross-site Scripting is a type of security vulnerability typically found in web applications. XSS attacks enable attackers to inject client-side scripts into web pages used by many users. XSS is possible mainly because of the improper way of writing and securing a code for the web pages or applications. So, with the help of secure coding we can be able to write codes that will be immune to such attacks (such as XSS) and will lead to development of web pages and applications that can withstand such attacks.

Reflected XSS on tripadvisor




tripadvisor - Notepad
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.625-3.876-1.625-1.692 0-3.007.627-3.906 1.627-.909 1.012-1.452 2.473-1.444 4.223 0 .001-.015 3.696-.015 5.371zm3.653 1.9511.024.052c.125.249.297.471.538.63.234.156.59
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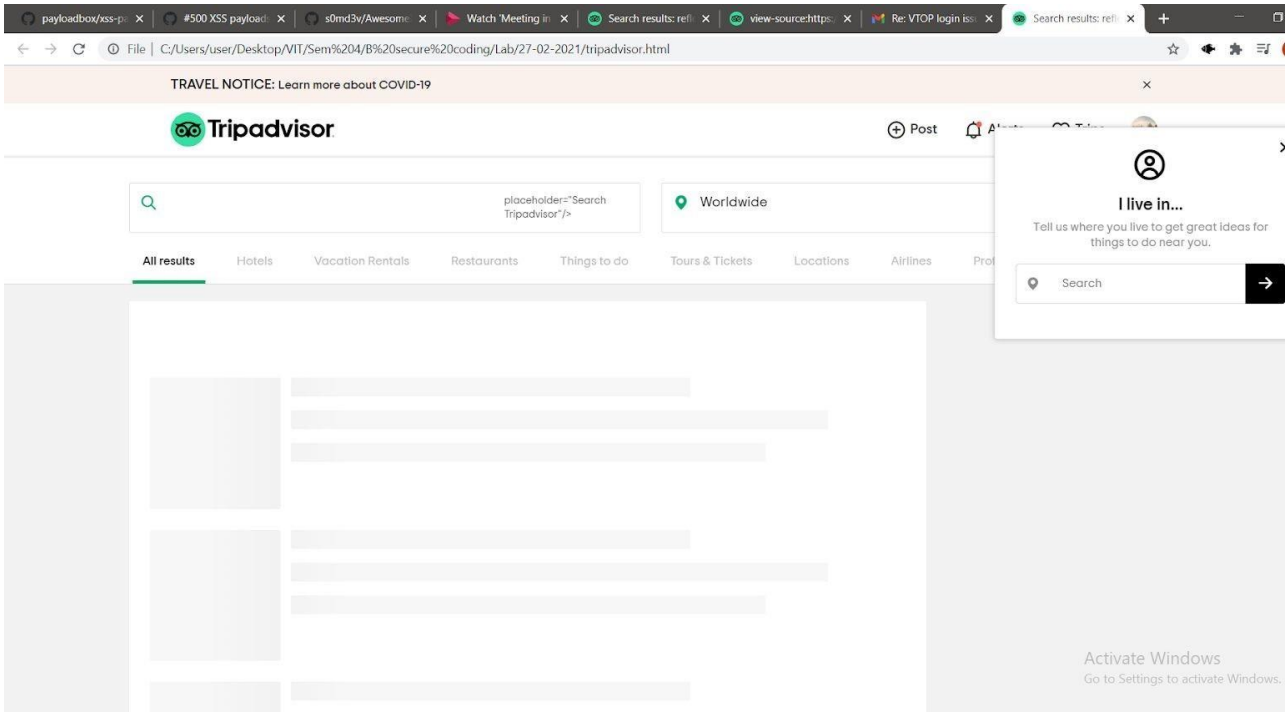

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<a class="search-filter ui_tab disabled"data-filter-param="g" data-filter-id="GEOS"onc
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Give your browser and Tripadvisor permission to use your current location and try again."/><input type="hidden" id="search-id" value="7FDF6D6069D94D31A077E456143C46541614406997968"/><div c
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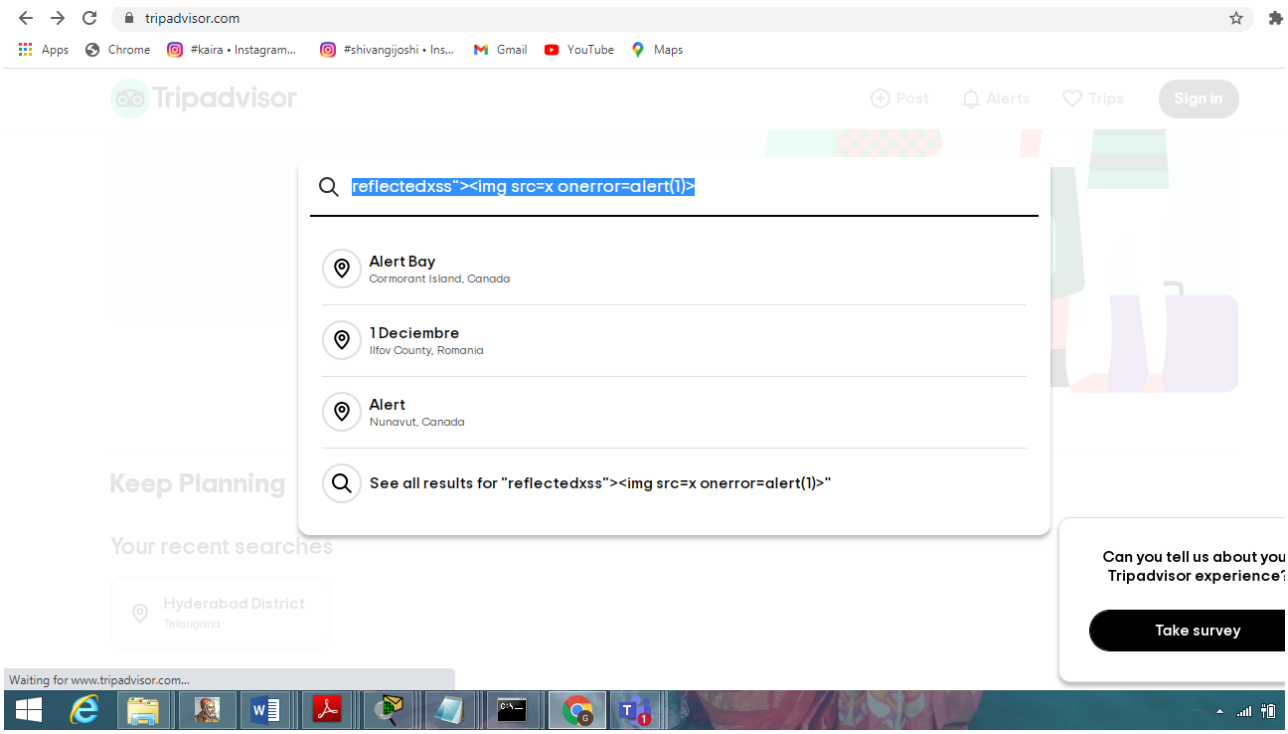
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Tripadvisor experience?
Take survey
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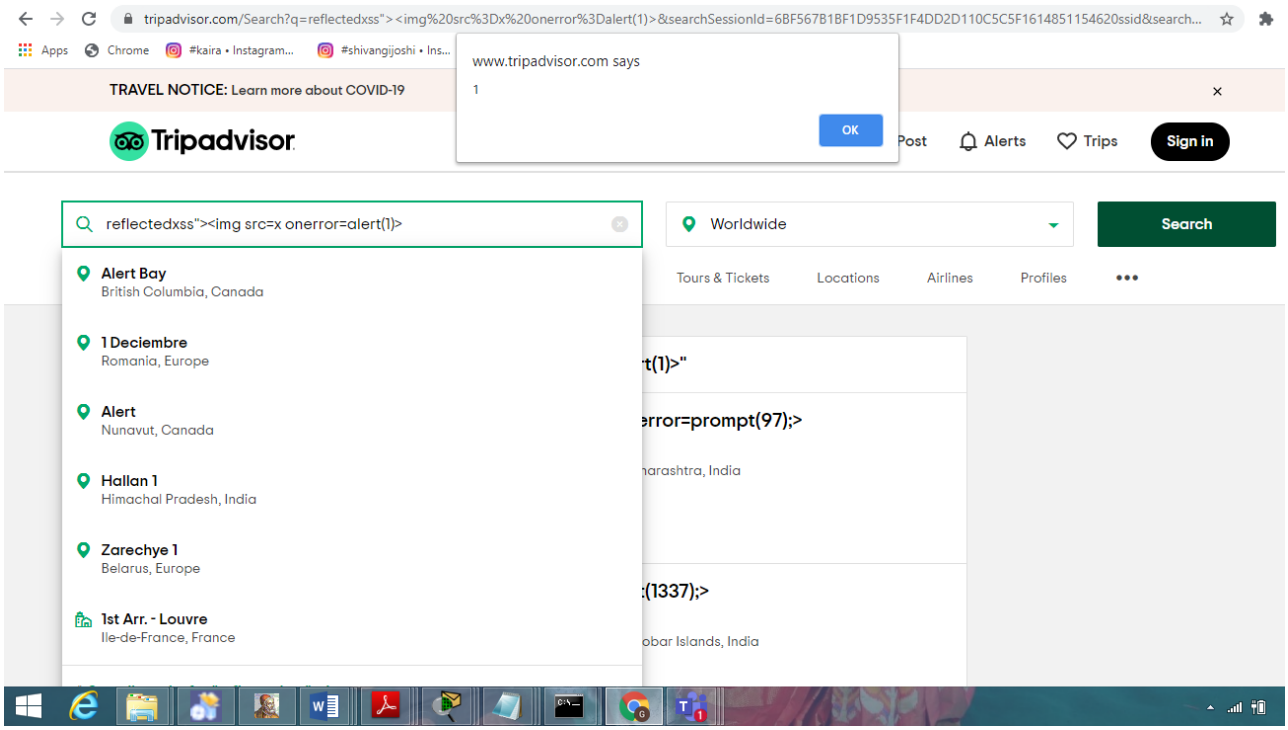
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#shivangijoshi • Ins...
www.tripadvisor.com says
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TRAVEL NOTICE: Learn more about COVID-19
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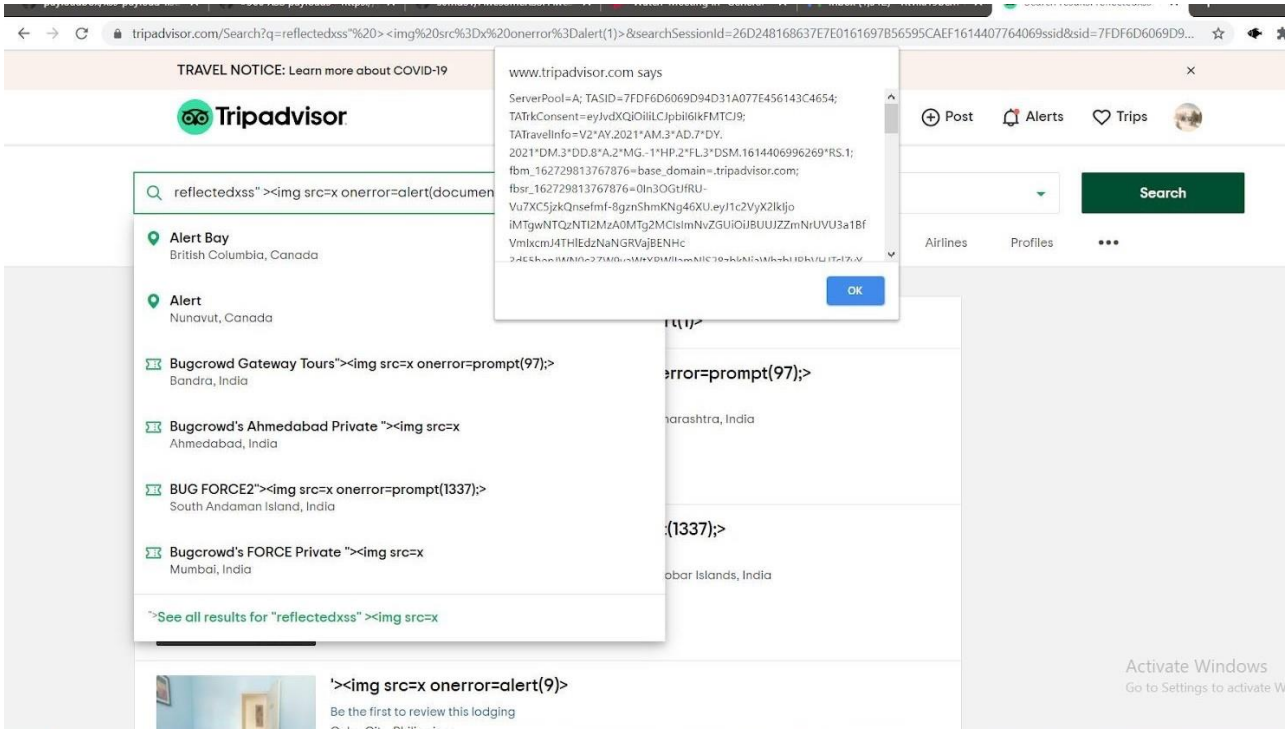
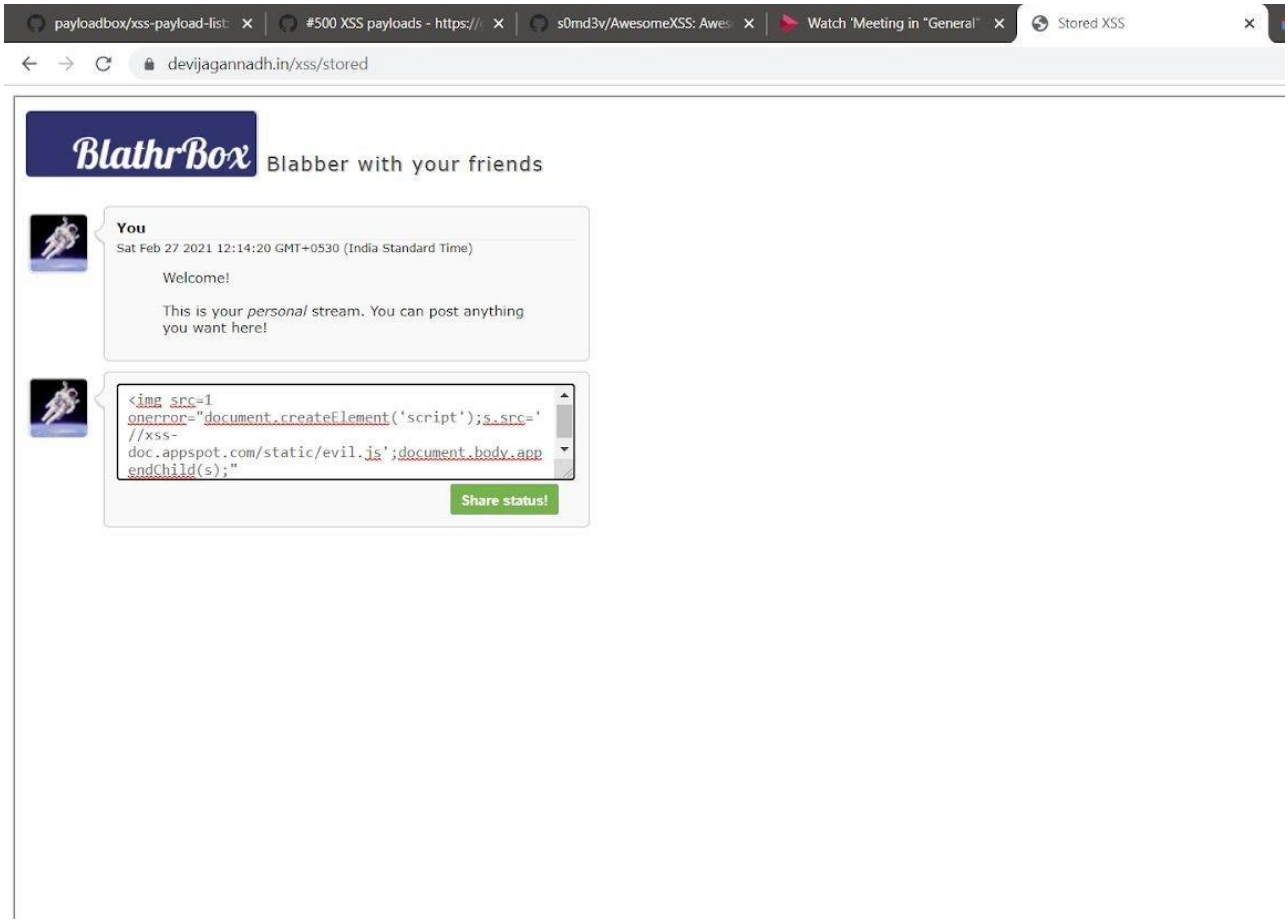
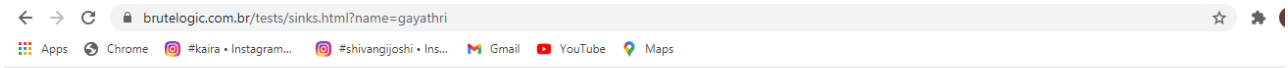


Stored XSS on devijagannadh.in/xss/stored



DOM XSS on brutelogic.com



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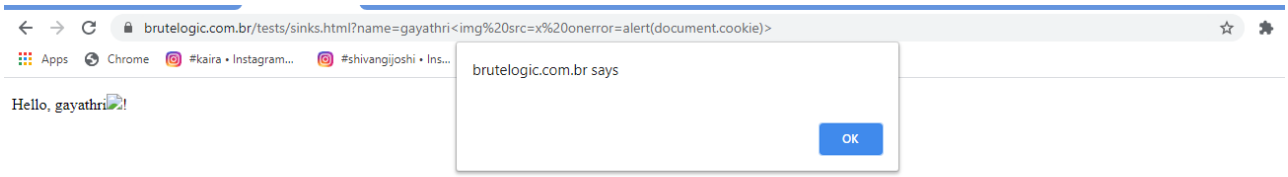

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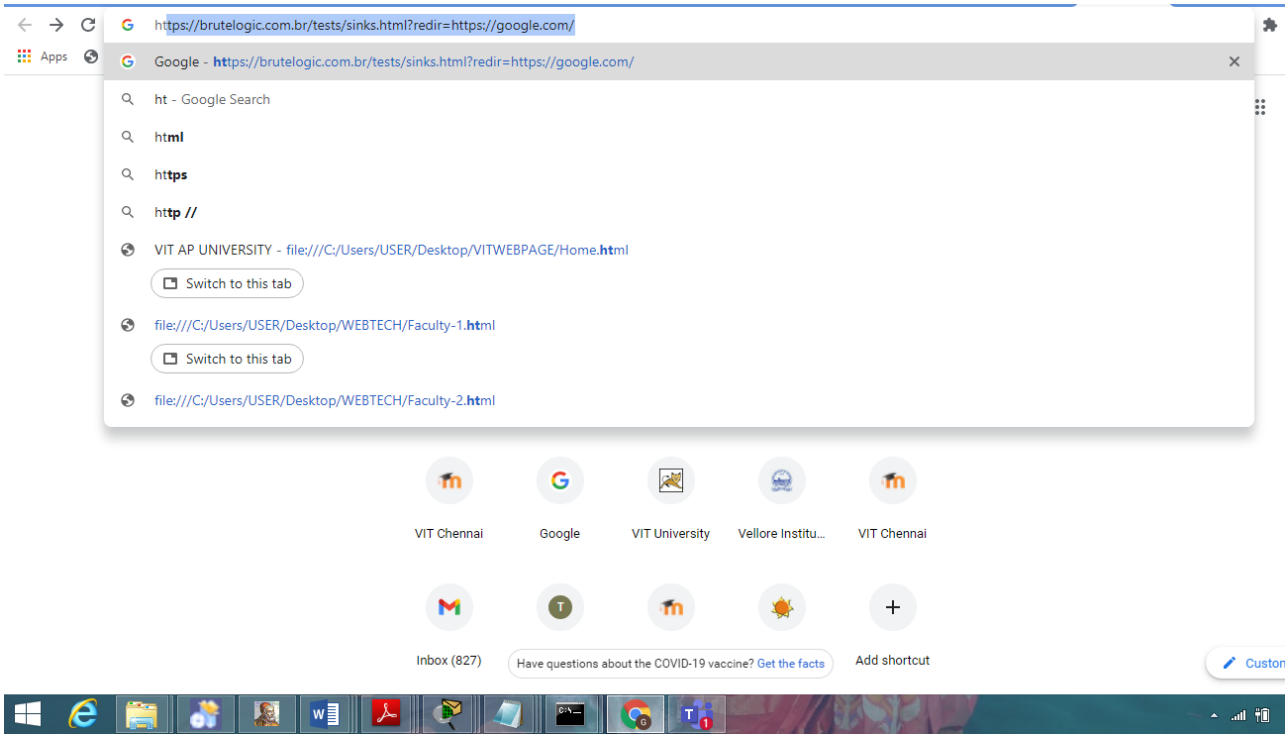
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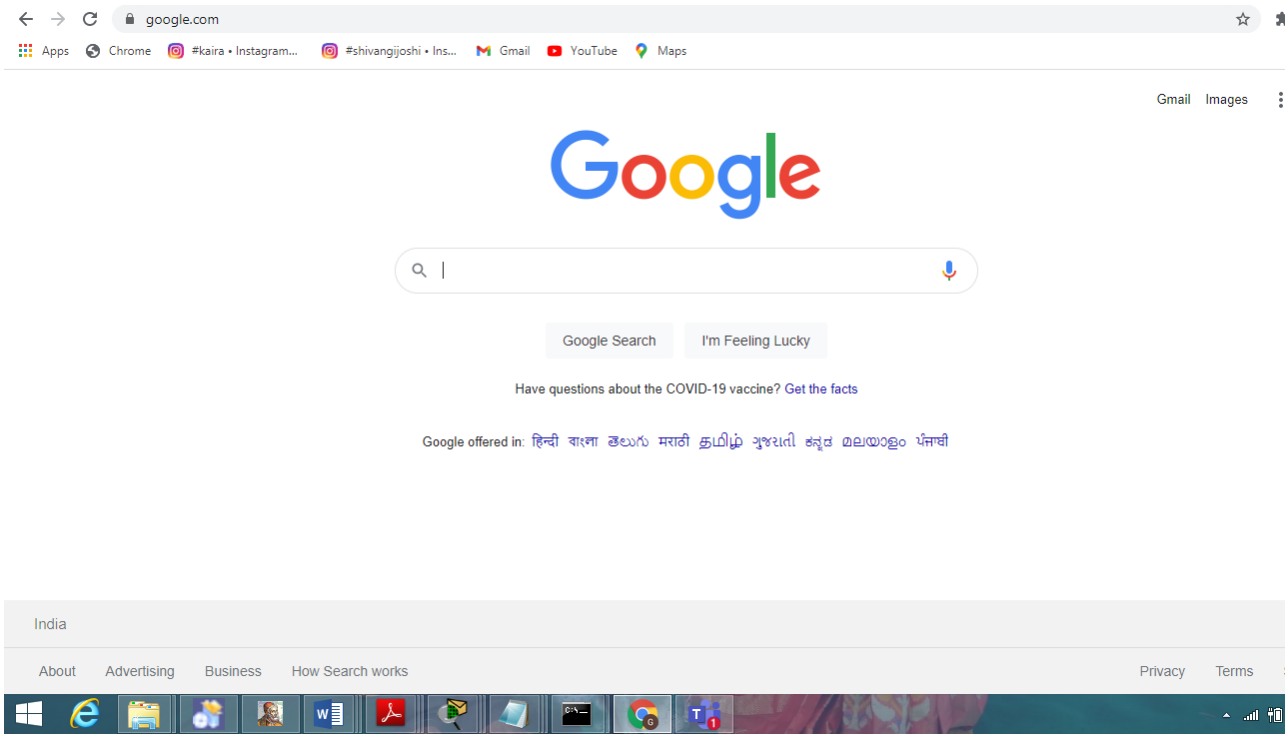
Switch to this tab
file:///C:/Users/USER/Desktop/WEBTECH/Faculty-1.html
Switch to this tab
file:///C:/Users/USER/Desktop/WEBTECH/Faculty-2.html
Apps
VIT Chennai
Google
VIT University
Vellore Institu...
VIT Chennai
Inbox (827)
Have questions about the COVID-19 vaccine? Get the facts
Add shortcut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Google offered in: हिन्दी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ മലയാളം ਪੰਜਾਬੀ
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Solution of alf.nu/alert1

alert(1) to win

The code below generates HTML in an unsafe way. Prove it by calling `alert(1)`.

```
function escape(s) {
  return '<script>console.log("'+s+'");</script>';
}
```

Input 8

alert(1)

Output

```
<script>console.log("alert(1)");</script>
```

Console output

```
alert(1)
```

Test iframe

Warmup