

CS 741: Assignment 1

Browser Extension

Statement:

Create a Google Chrome extension to detect and block XSS whole script injection. The requests will be of two types: GET & POST form data

Test your extension here: <https://www.cse.iitb.ac.in/~vipin/>
(If you find any bugs, contact the TAs)

Sample inputs:

```
<script> alert(); </script>  
< scripT type="text/javascript"></scriPt >
```

Submission Instructions:

- Submit a zip file with extension source files.
- In the zip file, include a file named **README** which includes the description of your extension with "Roll number" and "Name" of all the members of the group (a group should ideally have **3 or 4 members**).
- Submission must be made from only the least lexicographical roll number. The name of the submitted zip file should be named as "Roll1_Roll2_Roll3.zip" eg: 203050001_203050002_203050003.zip

References:

1. You can refer to any online resources and/or tutorials regarding Chrome Extensions. The exhaustive information and details can be found [here](#).
2. To learn more about XSS, you can go through the **Lecture 18 of CS742** from 56:00. (https://drive.google.com/file/d/1XhjOnvq3yiJZ3m_8o2DzsmpWsojf2627/view?usp=sharing)

Deadline:

Sunday, 30th Jan 11:59 PM

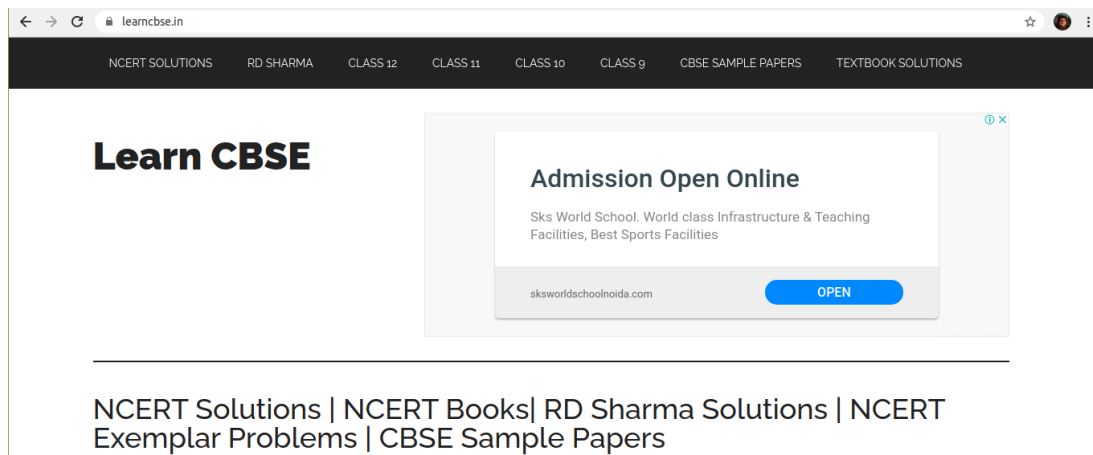
Extra Credit

Statement:

Improve the previous chrome extension to block the advertisement on the main page of the given website.

Website:

<https://www.learncbse.in/>



Expected Result:

After applying the extension, the website should look something like:

