

## Practical No. 3

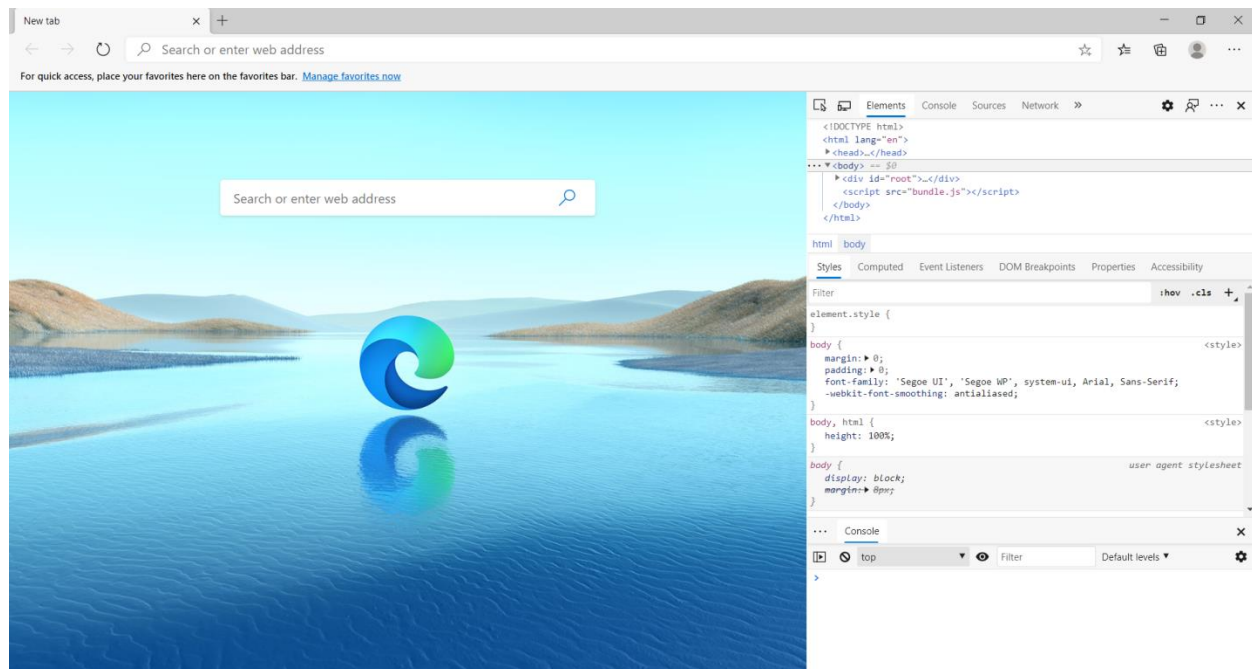
### Team Members Exam Seat No:

1. 2018BTECS00022 Shrikant Nallamadge
2. 2018BTECS00039 Darpan Modak
3. 2018BTECS00054 Amit Atram

**Problem Statement 1:** Install different web browsers on your machine. Go through the Developer Tools option of the browser.

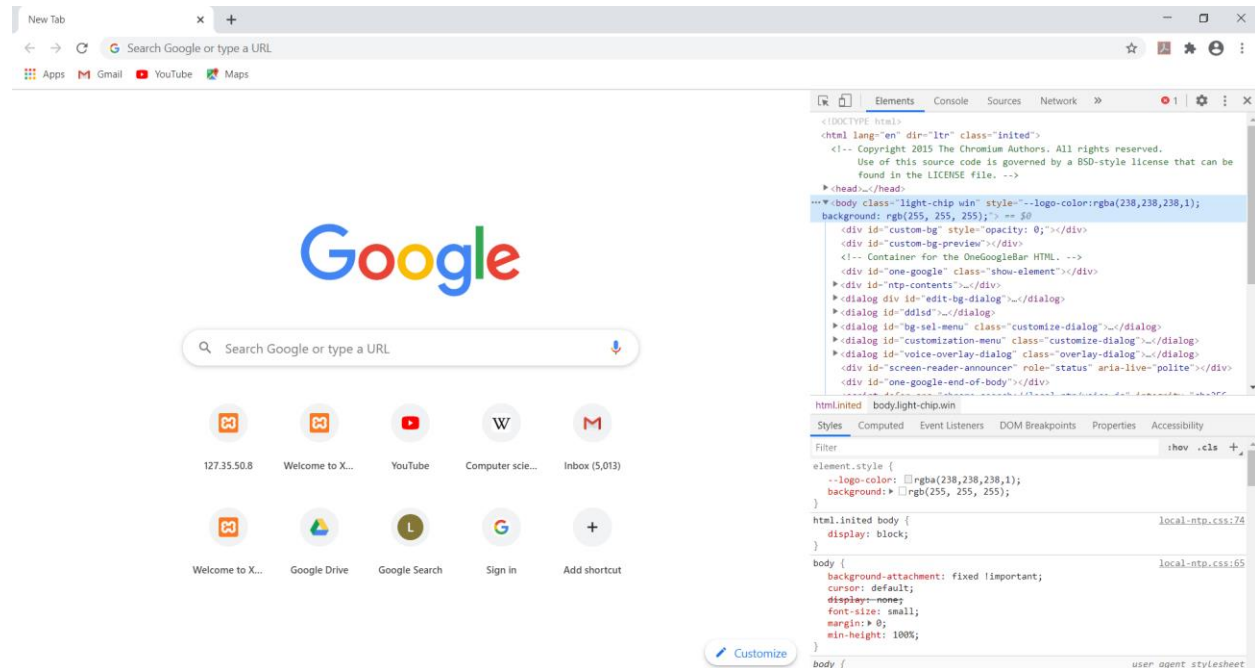
**Details/Comparison/Observations:** The developer tools can be opened by pressing Ctrl+Shift+I key. There were many options in the developer tools such as the Elements, Console, Sources, Network, etc.

### Screenshot 1:



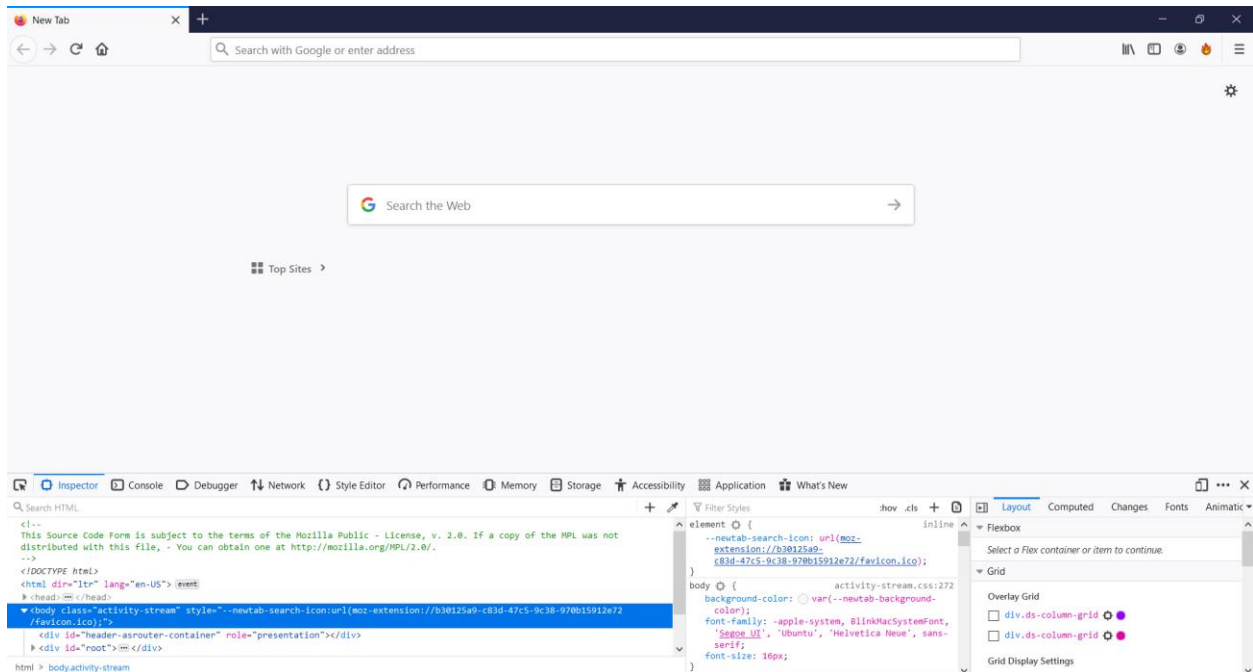
**Information 1:** Developer tools in Microsoft edge browser.

## Screenshot 2:



## Information 2: Developer tools in google chrome browser.

### Screenshot 3:

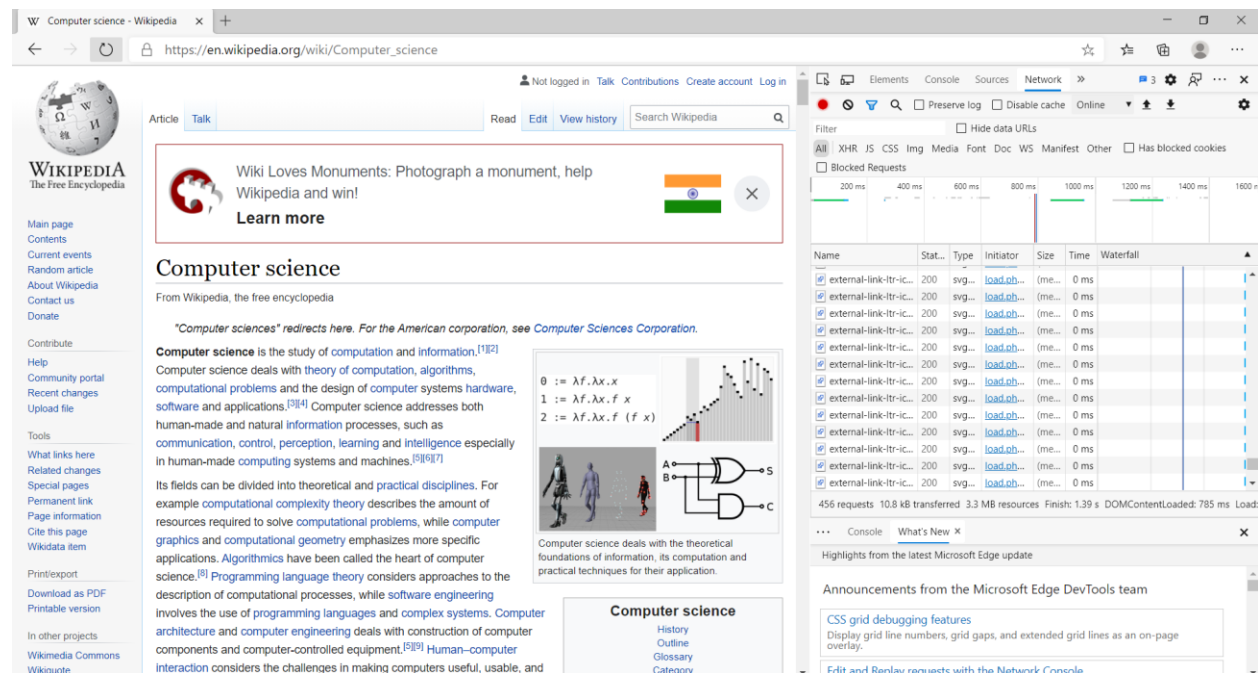


### Information 3: Developer tools in Firefox browser.

**Problem Statement 2.1:** Visit [https://en.wikipedia.org/wiki/Computer\\_science](https://en.wikipedia.org/wiki/Computer_science) on various browsers.

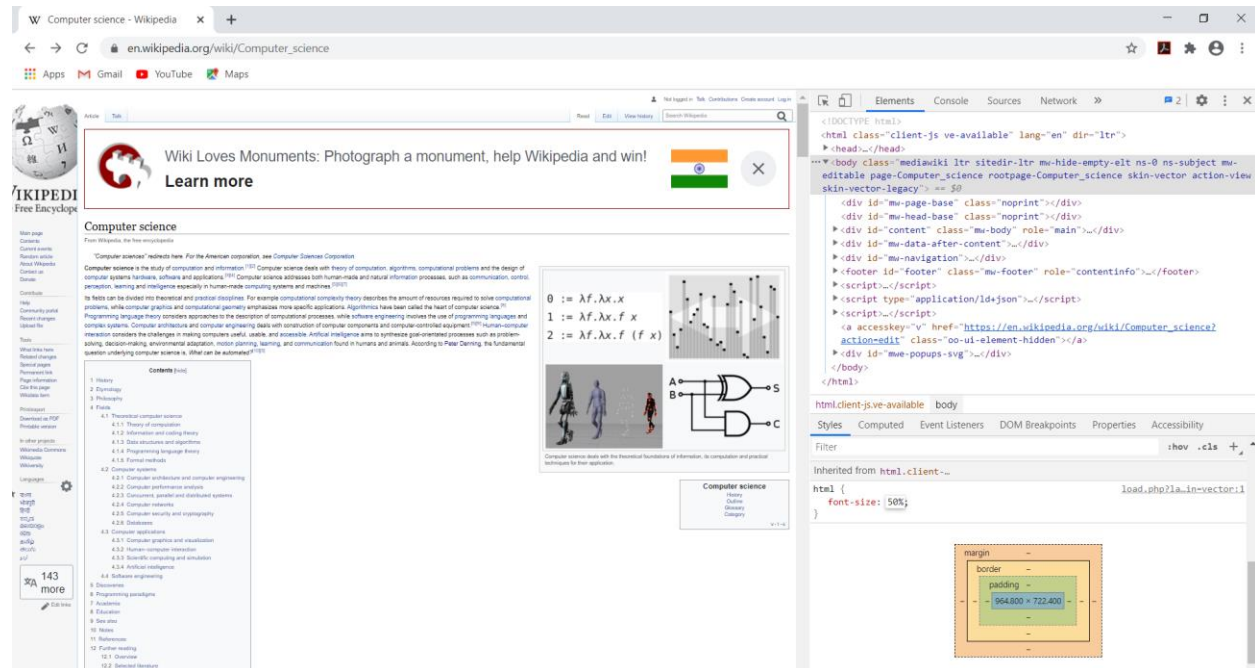
**Details/Comparison/Observations:** Different amount of memory and data was use to load the website on different browser.

### Screenshot 1:



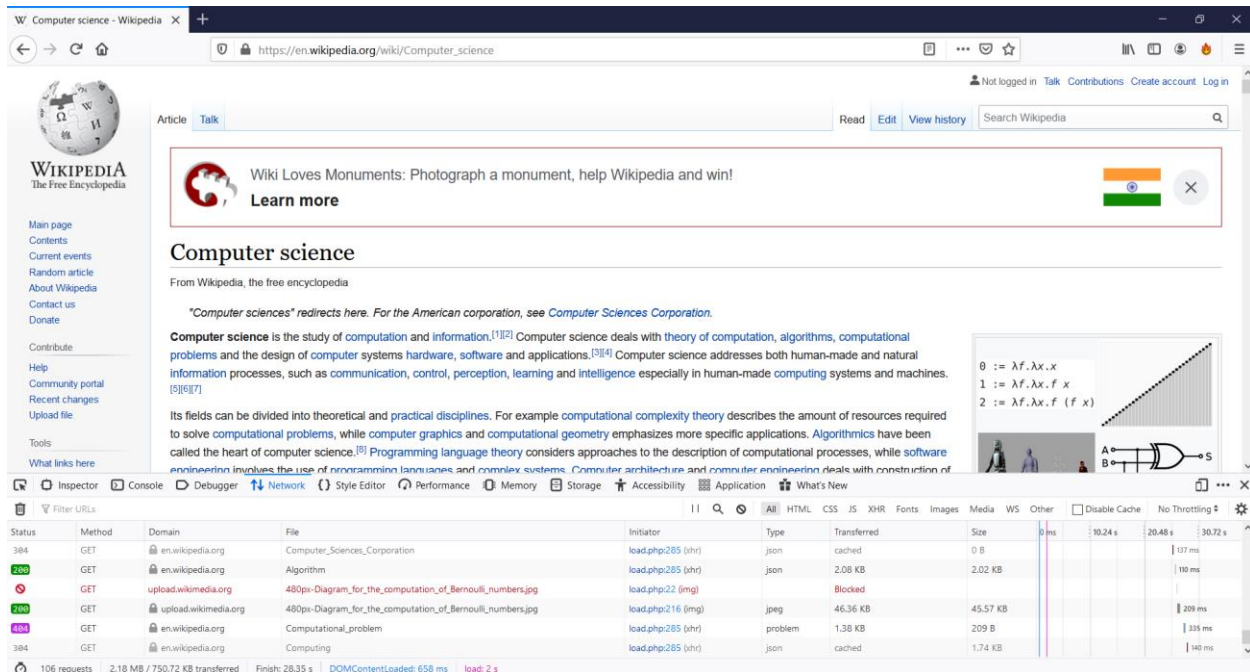
**Information 1:** We visited the given link on Microsoft edge browser.

## Screenshot 2:



**Information 2:** We visited the given link on the google chrome browser.

### Screenshot 3:

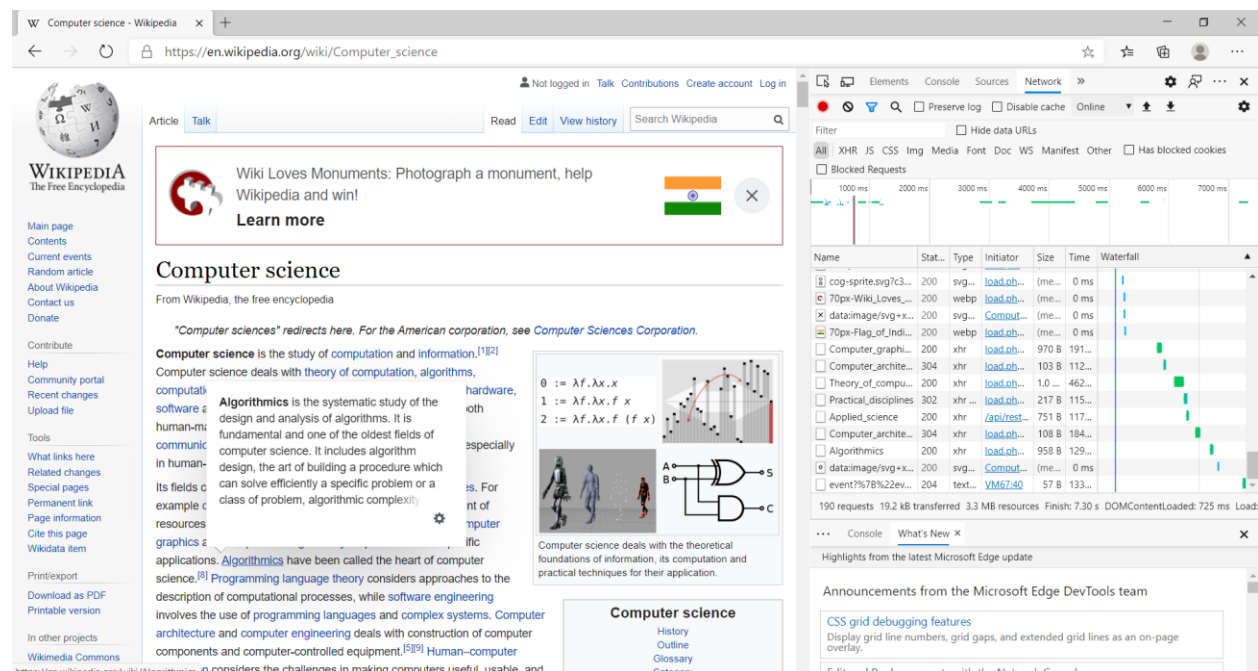


**Information 3:** We visited the given link on the firefox browser.

**Problem Statement 2.2:** Using browser's Developer Tools option find out how many requests-response cycles are needed to load the page fully on your machine?

**Details/Comparison/Observations:** Firefox has less request response cycle than the Google chrome and Microsoft edge has more request response cycle than Google chrome.

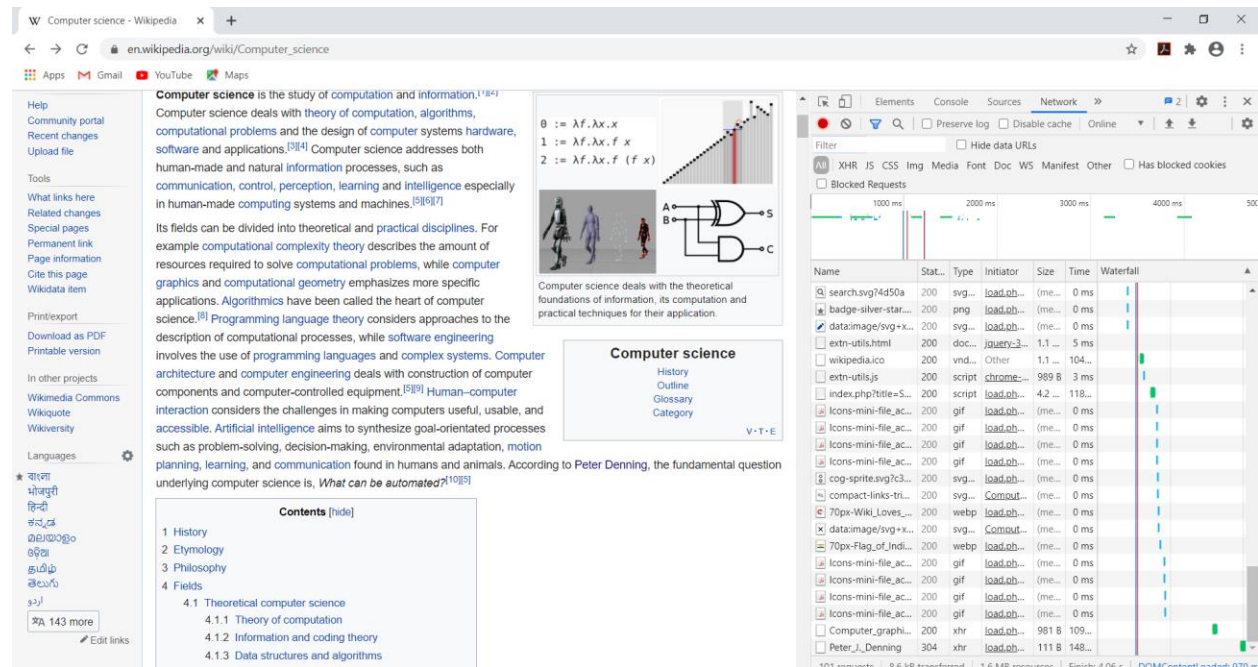
### Screenshot 1:



**Information 1:** The requests-response cycles that are needed to load the page fully on Microsoft edge browser is 190.



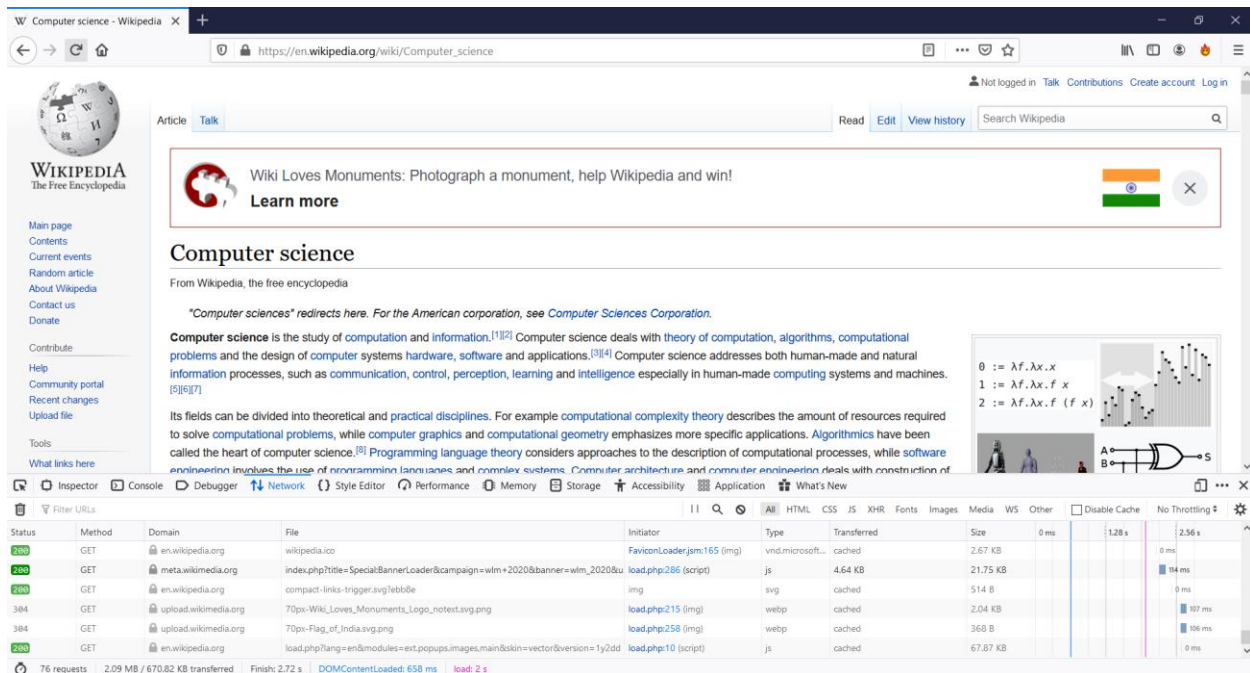
## Screenshot 2:



**Information 2:** The requests-response cycles that are needed to load the page fully on Google chrome browser is 101.



### Screenshot 3:

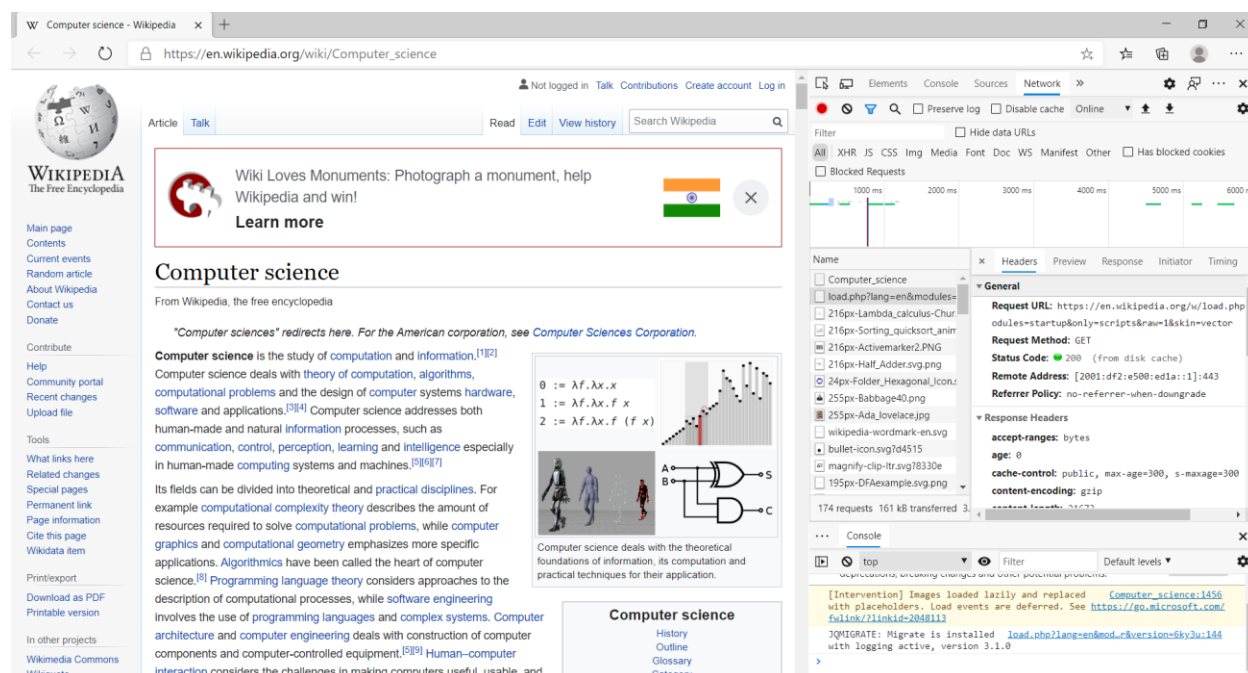


**Information 3:** The requests-response cycles that are needed to load the page fully on Firefox browser is 76.

**Problem Statement 2.3:** Using browser's Developer Tools option get the header information of the page.

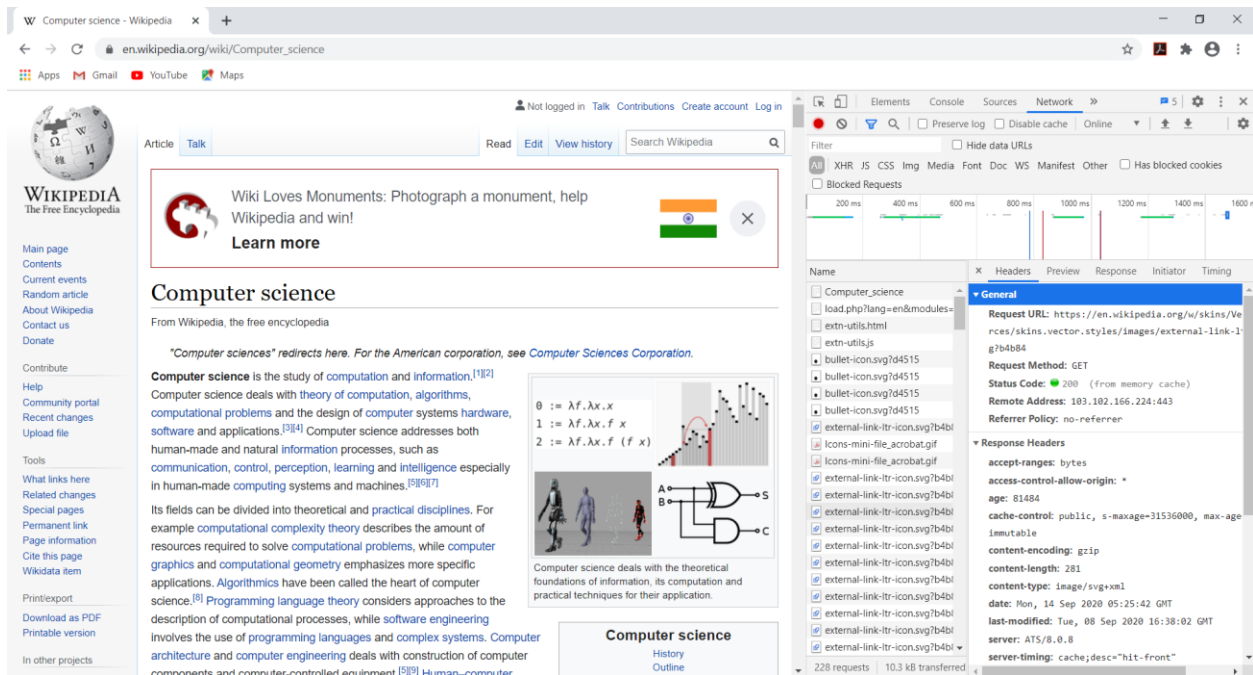
**Details/Comparison/Observations:** In all the cases the status code was 200 and the request method was GET.

### Screenshot 1:



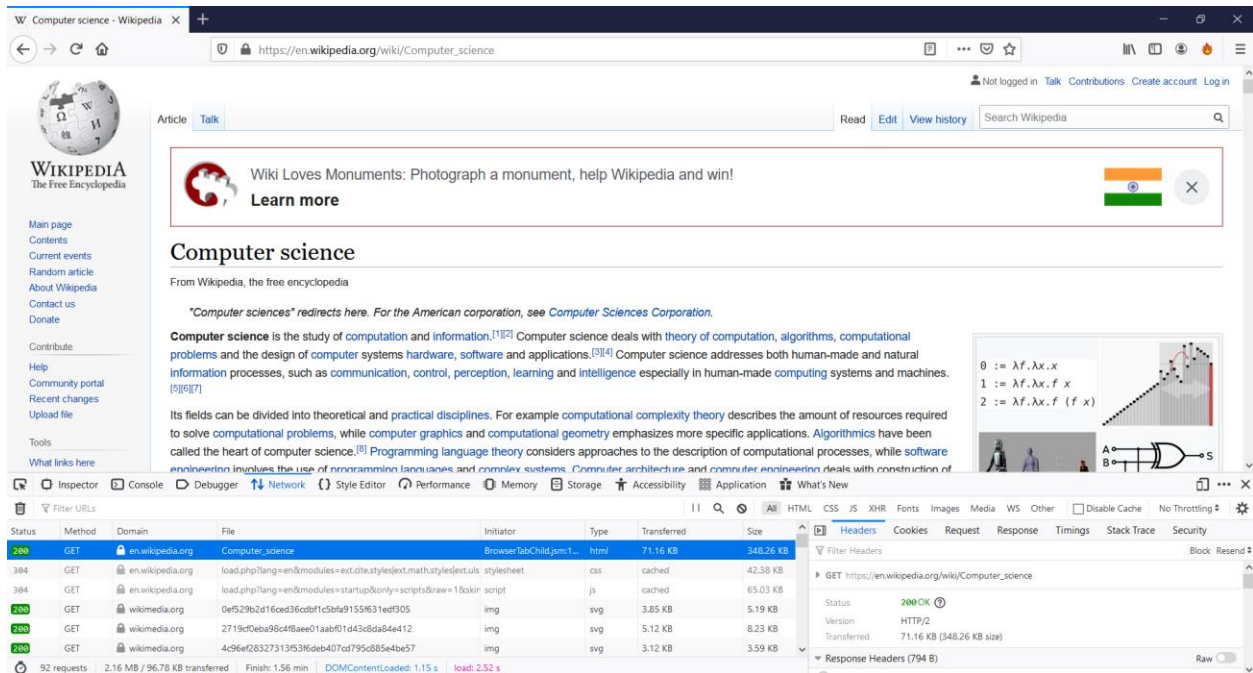
**Information 1:** Header information in Microsoft edge browser.

## Screenshot 2:



## Information 2: Header information in Google chrome browser.

### Screenshot 3:

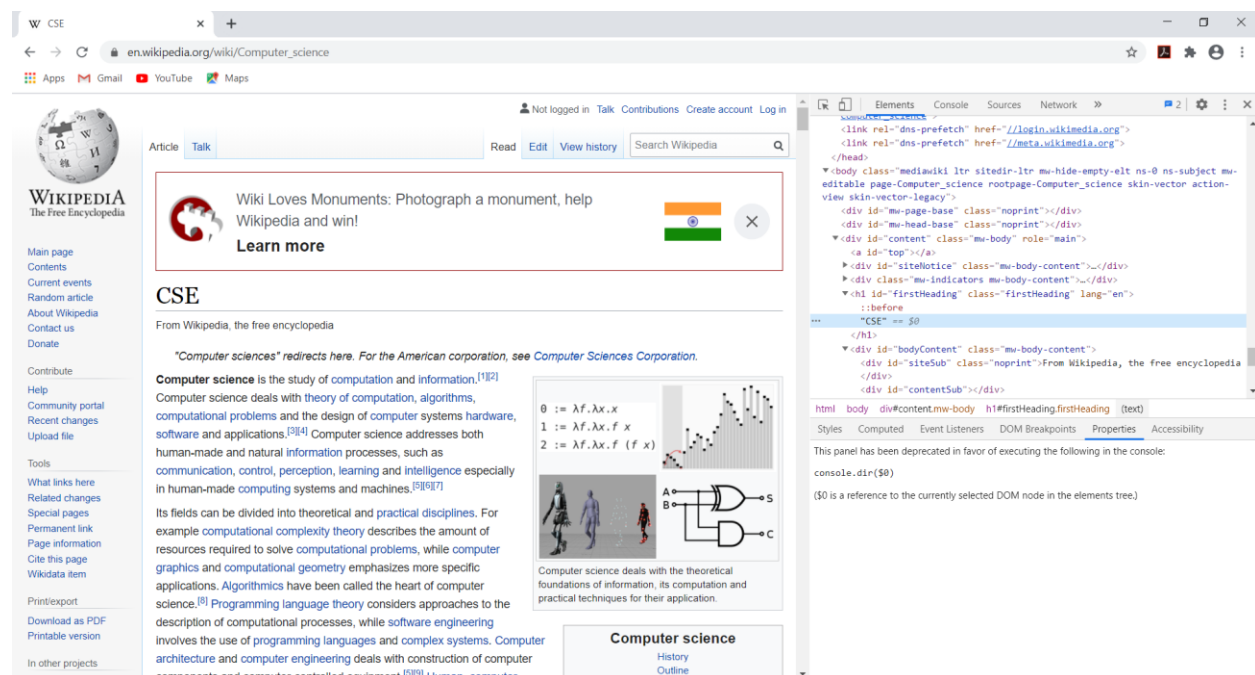


### Information 3: Header information in Firefox browser.

**Problem Statement 2.4:** Using browser's Developer Tools option go through the DOM, CSS editor and JavaScript debugger options.

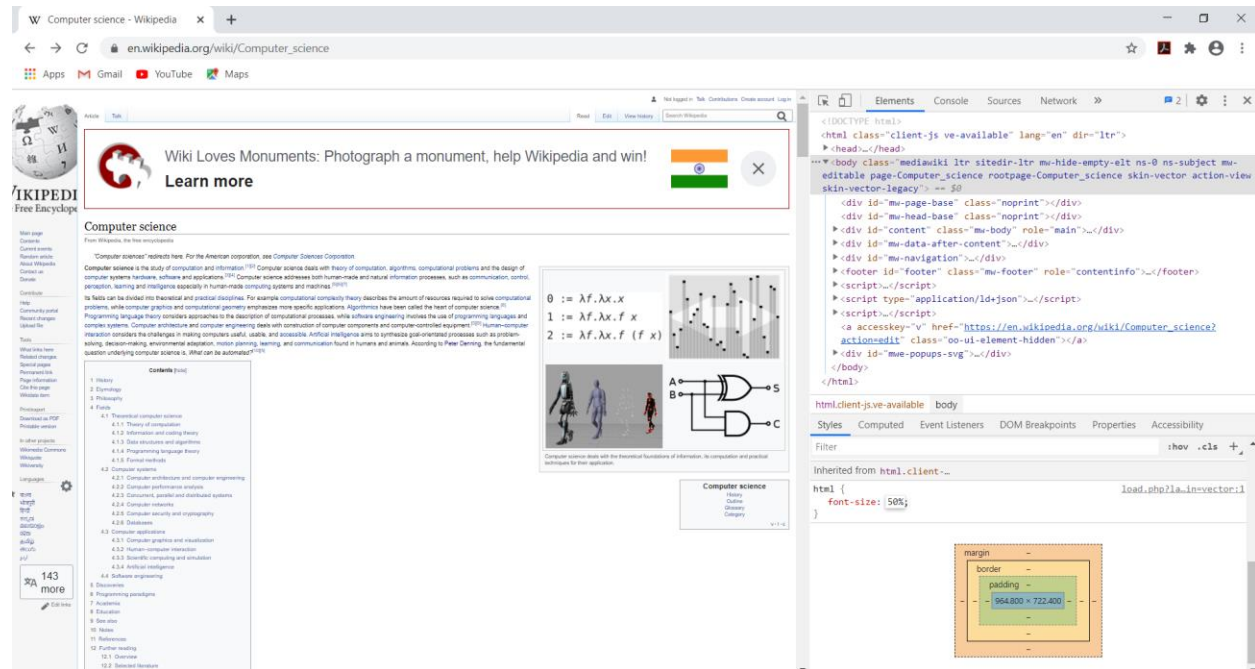
**Details/Comparison/Observations:** In the DOM, CSS editor and JavaScript debugger we can change the font, background color, title, etc the changes are not permanent if we refresh the page the changes are not there.

### Screenshot 1:



**Information 1:** In Microsoft Edge browser we changed the title and header to CSE.

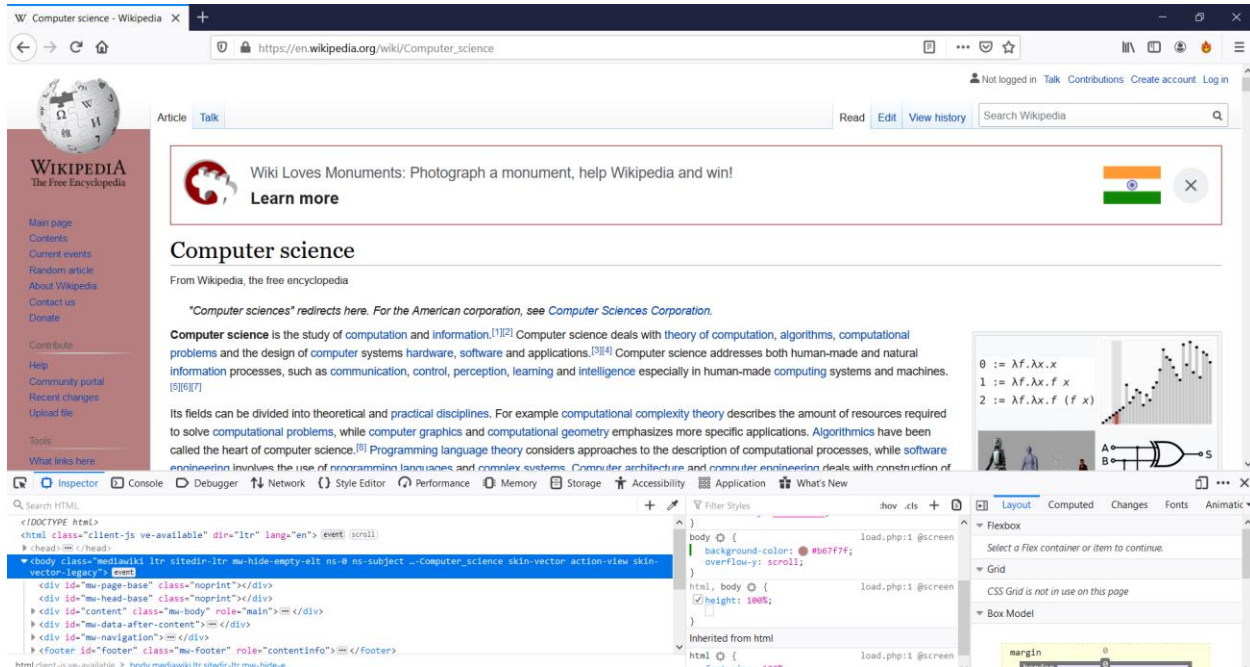
## Screenshot 2:



**Information 2: In Google chrome browser we changed the font to 50%.**



### Screenshot 3:



**Information 3: In Firefox browser we changed the background color to #b677f7.**

### Contribution of each student:

1. 2018BTECS00022 : Performed the developer tools on different browser.
2. 2018BTECS00039 : Performed the developer tools on different browser.
3. 2018BTECS00054 : Performed the developer tools on different browser.