

Programming Labrotory 3
Practical No. 3
To study web browser and its Developer Tools option

PRN: 2018BTECS00099

Name: Ganesh Shashikant Kasar

Batch: T6

Problem Statement 1:

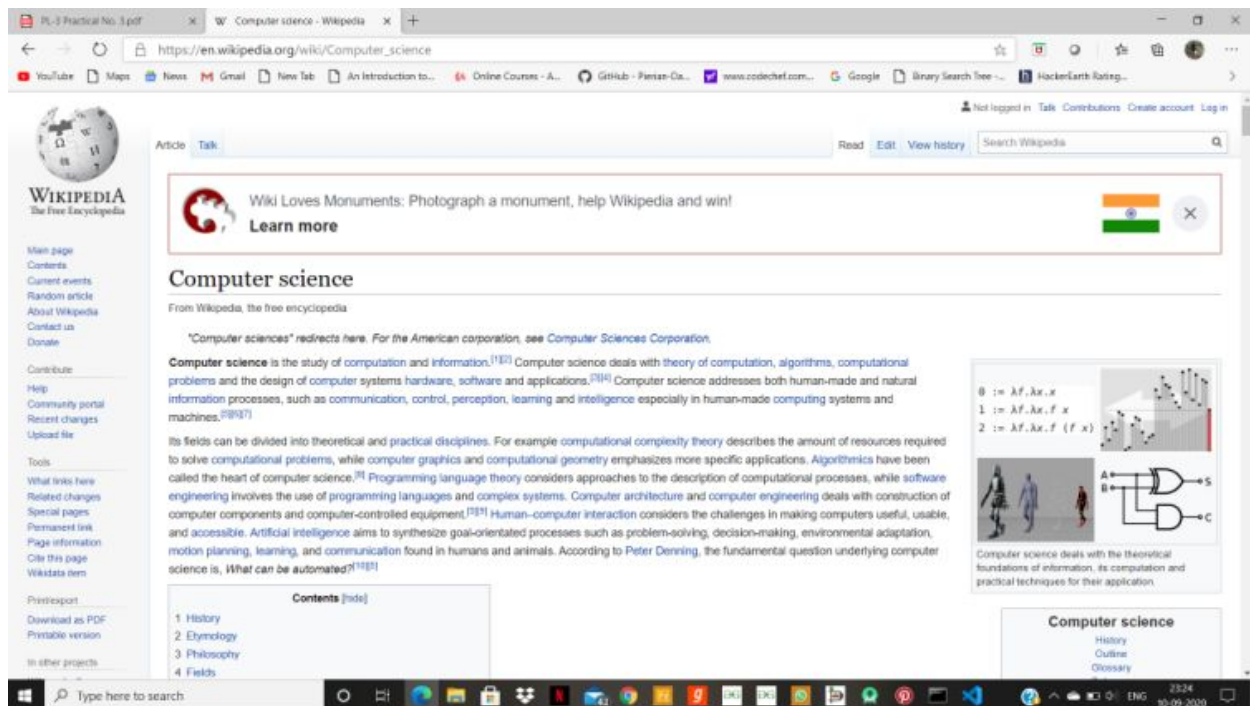
Install different web browsers on your machine. Go through the Developer Tools option of the browser.

Those are Chrome,microsoft edge,mozilla firefox

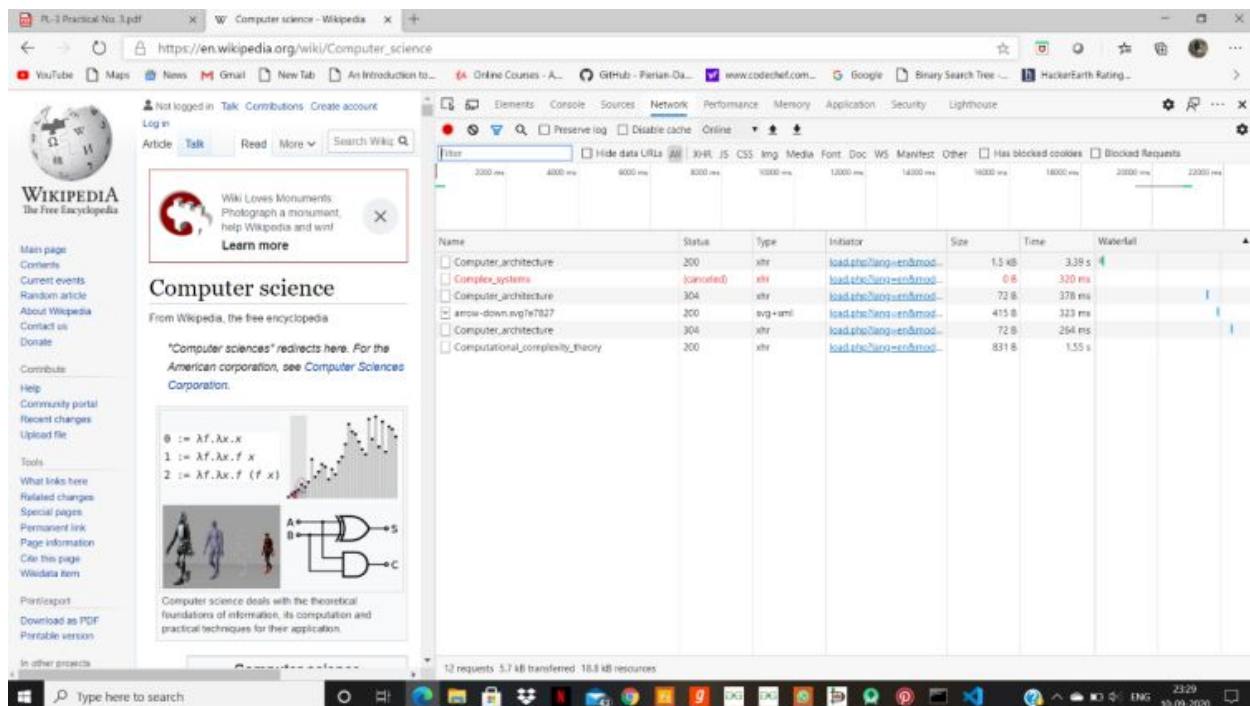
Problem Statement 2:

A) Microsoft Edge:

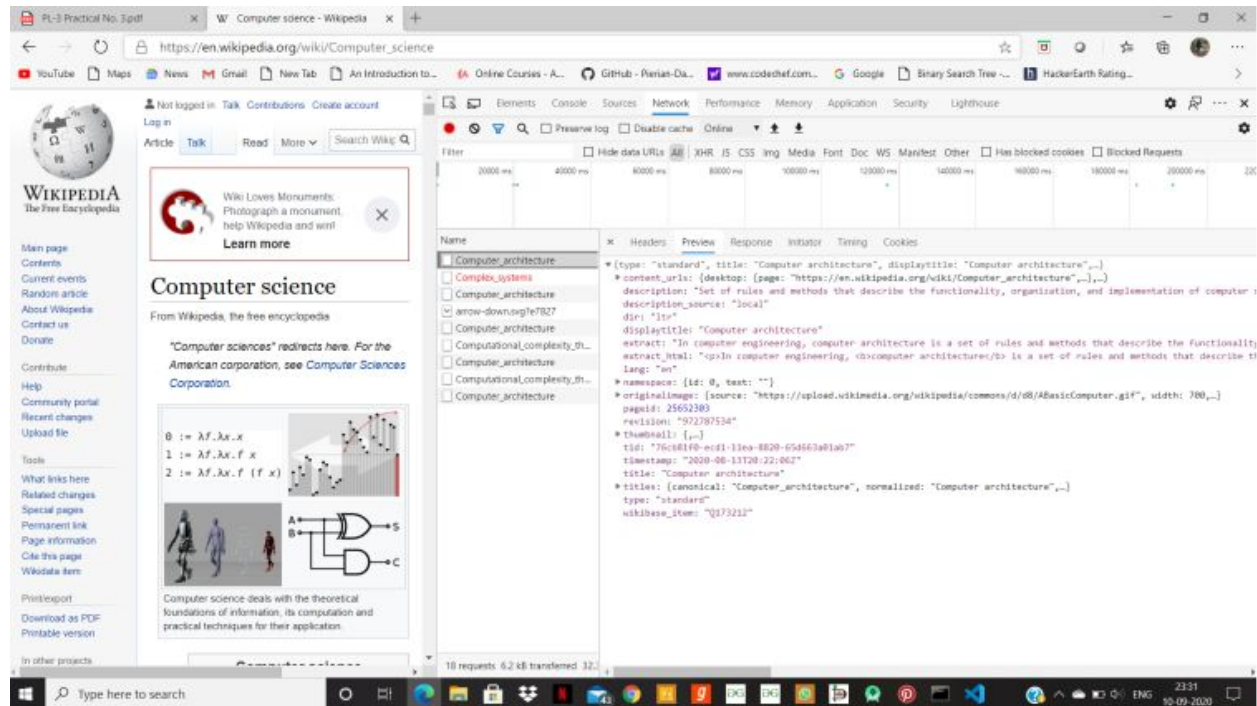
1. Visit https://en.wikipedia.org/wiki/Computer_science on various browsers.



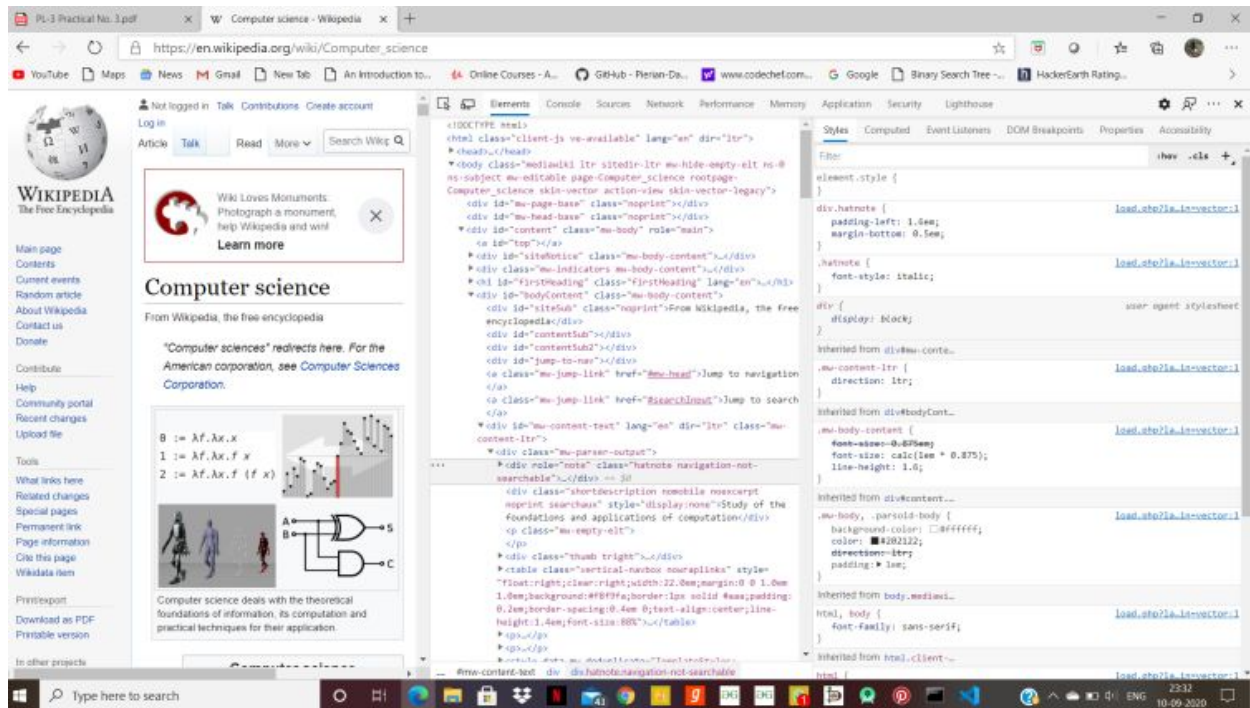
2. Using browser's Developer Tools option find out how many requests-response cycles are needed to load the page fully on your machine?



3. Using browser's Developer Tools option get the header information of the page.

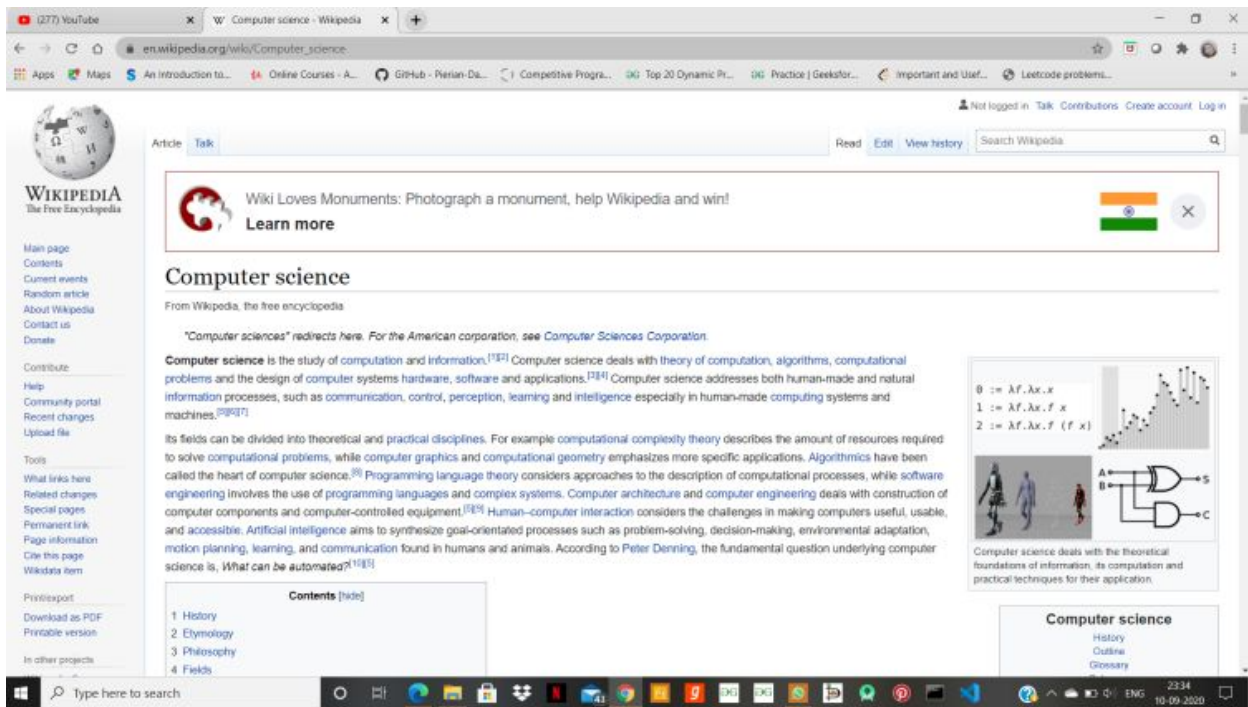


4. Using browser's Developer Tools option go through the DOM, CSS editor and JavaScript debugger options.

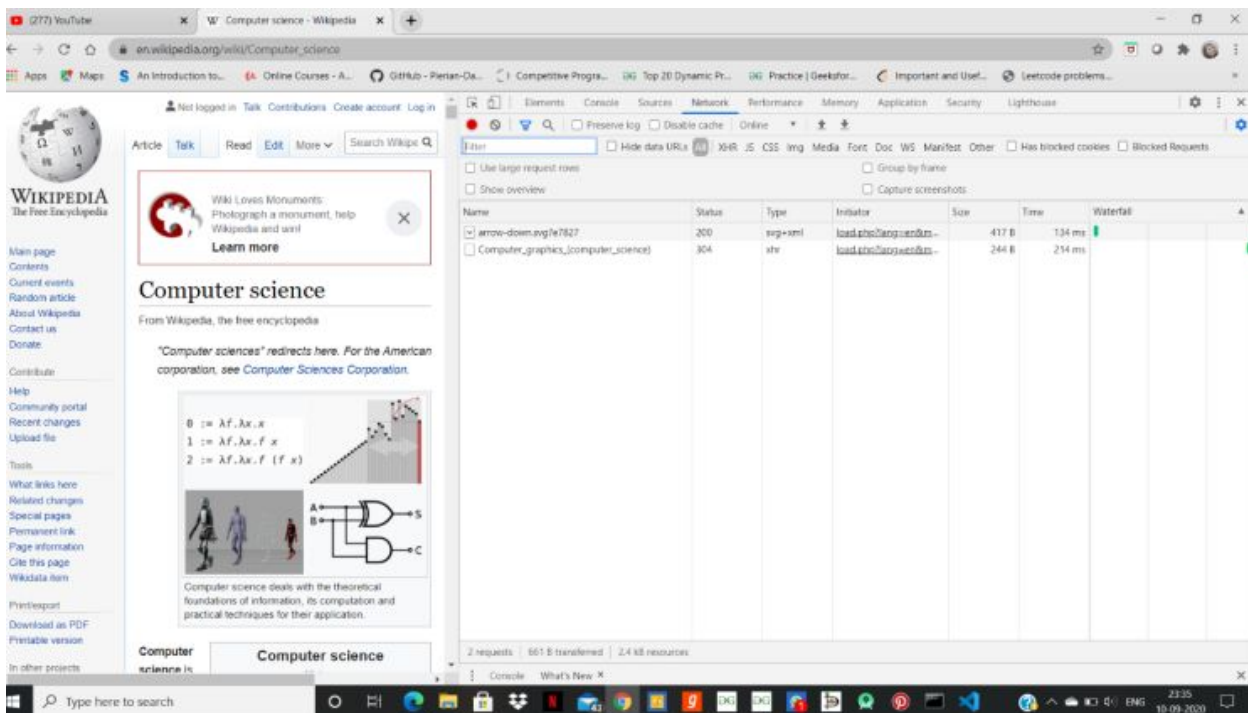


B. Chrome:

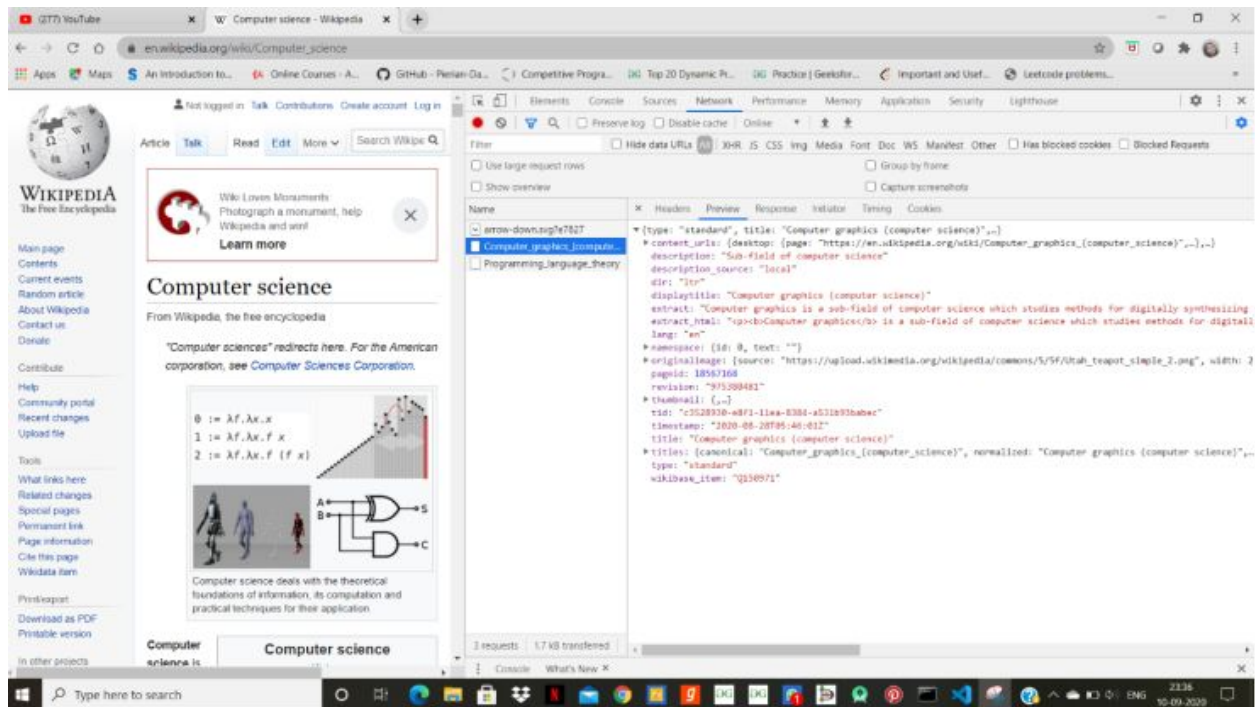
1. Visit https://en.wikipedia.org/wiki/Computer_science on various browsers.



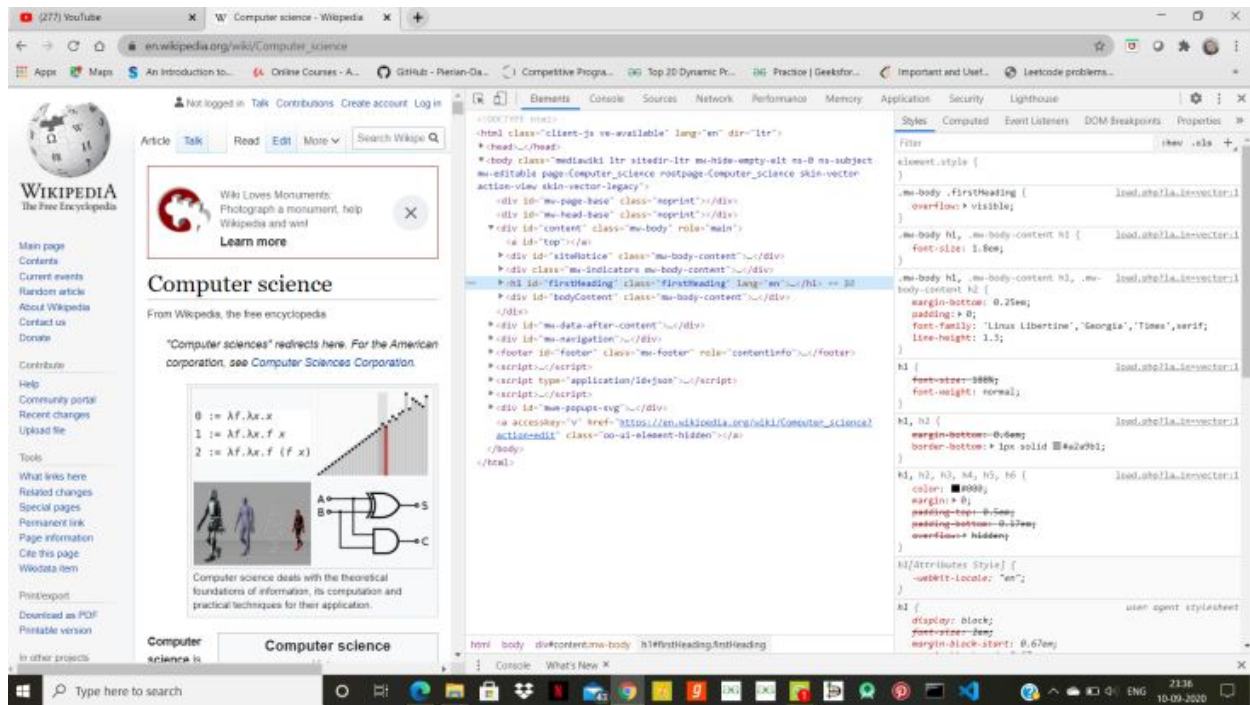
2. Using browser's Developer Tools option find out how many requests-response cycles are needed to load the page fully on your machine?



3. Using browser's Developer Tools option get the header information of the page.

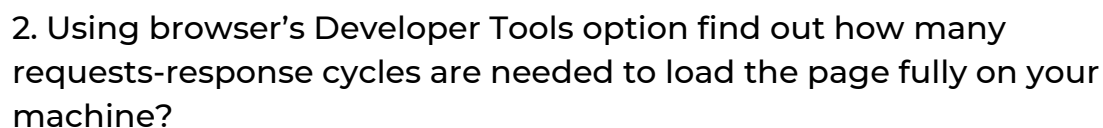


4. Using browser's Developer Tools option go through the DOM, CSS editor and JavaScript debugger options.

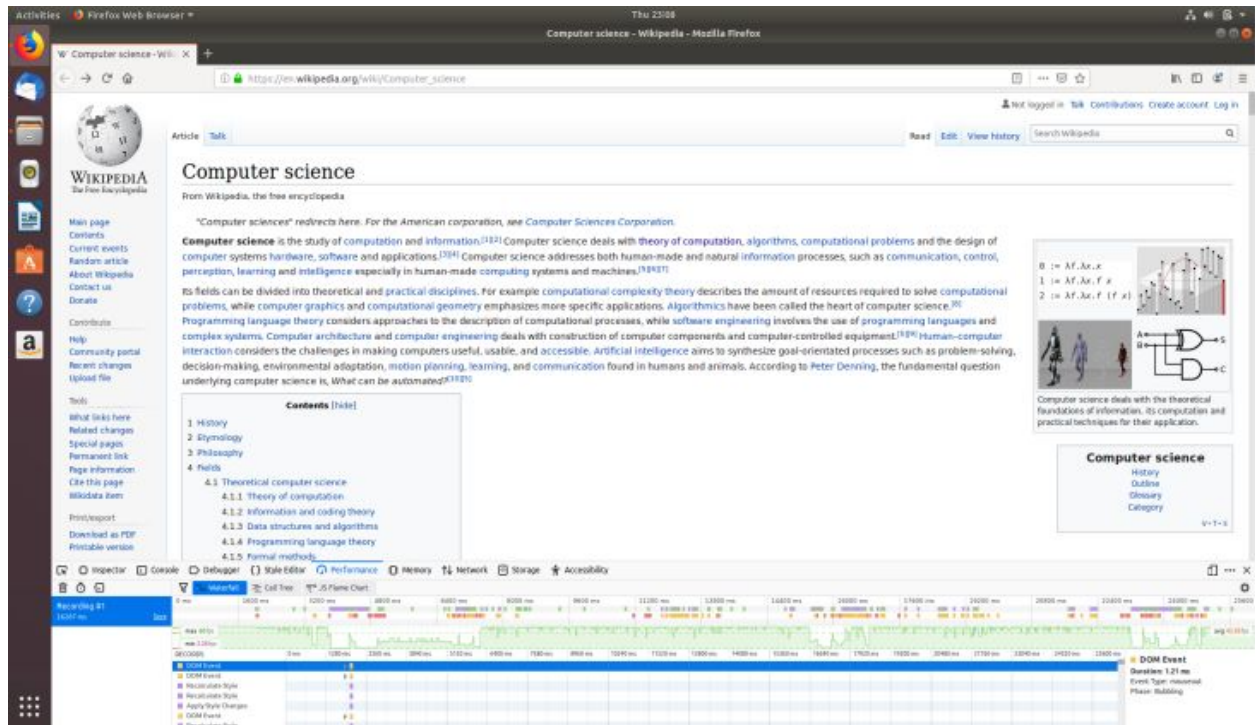


C. Mozilla Firefox:

1. Visit https://en.wikipedia.org/wiki/Computer_science on various browsers.



3. Using browser's Developer Tools option get the header information of the page



4. Using browser's Developer Tools option go through the DOM, CSS editor and JavaScript debugger options.

Activities Firefox Web Browser The 2508 Computer science - Wikipedia - Mozilla Firefox

Computer science - Wikipedia

https://en.wikipedia.org/wiki/Computer_science

Not logged in Contributions Create account Log in

Search Wikipedia

Computer science

from Wikipedia, the free encyclopedia

"Computer sciences" redirects here. For the American corporation, see Computer Sciences Corporation.

Computer science is the study of computation and information.^{[1][2]} Computer science deals with theory of computation, algorithms, computational problems and the design of computer systems hardware, software and applications.^{[3][4]} Computer science addresses both human-made and natural information processes, such as communication, control, perception, learning and intelligence especially in human-made computing systems and machines.^{[1][2][3][4]}

its fields can be divided into theoretical and practical disciplines. For example computational complexity theory describes the amount of resources required to solve computational problems, while computer graphics and computational geometry emphasizes more specific applications. Algorithmics have been called the heart of computer science.^[5] Programming language theory considers approaches to the description of computational processes, while software engineering involves the use of programming languages and complex systems. Computer architecture and computer engineering deals with construction of computer components and computer-controlled equipment.^{[6][7]} Human-computer interaction considers the challenges in making computers useful, usable, and accessible. Artificial intelligence aims to synthesize goal-orientated processes such as problem-solving, decision-making, environmental adaptation, motion planning, learning, and communication found in humans and animals. According to Peter Denning, the fundamental question underlying computer science is, What can be automated?^{[8][9]}

Contents

- History
- Etymology
- Philosophy
- Fields
 - Theoretical computer science
 - Theory of computation
 - Information and coding theory
 - Data structures and algorithms
 - Programming language theory
 - Formal methods

Computer science deals with the theoretical foundations of information, its computation and practical techniques for their application.

Computer science

- History
- Outline
- Summary
- Category

V · T · E

Inspector Console Debugger Style Editor Performance Memory Network Storage Accessibility

Recording (5) 11:07:00.000

Timeline

DOM Event

Iteration: 1,21 ms

Event Type: resource

Phase: building