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WEB TECHNOLOGIES 1

ASSIGNMENT 1

1. Read about the features supported by different popular browsers and write a summary report.

A web browser is a [software application](https://en.wikipedia.org/wiki/Software_application) for accessing information on the [World Wide Web](https://en.wikipedia.org/wiki/World_Wide_Web). There are around 50 web browsers in the world among which there are a few those are well known and widely used because of the unique features they offer.

Basic features offered by some web browsers are Bookmark management, download management, password managing, history, favourites, open tabs from previous session, form managing, spell checking, search engine toolbar, pre-site security configuration, privacy mode and auto-updater. Analysing a few of these features and the browsers that provide it,

History: offered by very few browsers which includes [Chrome](https://en.wikipedia.org/wiki/Google_Chrome) , [Internet Explorer](https://en.wikipedia.org/wiki/Internet_Explorer) , [Microsoft Edge](https://en.wikipedia.org/wiki/Microsoft_Edge) , [Mozilla Firefox](https://en.wikipedia.org/wiki/Firefox) , [Pale Moon](https://en.wikipedia.org/wiki/Pale_Moon_(web_browser)), [K-Meleon](https://en.wikipedia.org/wiki/K-Meleon).

Favourites: offered by very few browsers which includes [Internet Explorer](https://en.wikipedia.org/wiki/Internet_Explorer) , [Microsoft Edge](https://en.wikipedia.org/wiki/Microsoft_Edge) , [Mozilla Firefox](https://en.wikipedia.org/wiki/Firefox) .

Open tabs from previous session: offered by very few browsers which includes [Microsoft Edge](https://en.wikipedia.org/wiki/Microsoft_Edge) , [Mozilla Firefox](https://en.wikipedia.org/wiki/Firefox) , [Pale Moon](https://en.wikipedia.org/wiki/Pale_Moon_(web_browser)), [K-Meleon](https://en.wikipedia.org/wiki/K-Meleon) .

Some Accessibility features include tabbed browser , pop-up browsing , auto-play blocking , incremental search , ad filtering , page zooming , full text search of history , content-modal dialogs , fingerprinting protection , access keys , tabbing navigation , spatial navigation , caret navigation , smart bookmarks , mouse gestures , text-to-speech , voice control , tab stacking and ability to disable font smoothing. Analysing a few of these features and the browsers that provide it,

Auto-play blocking : offered by very few browsers such as [Mozilla Firefox](https://en.wikipedia.org/wiki/Firefox), Brave , Safari and Chrome.

Fingerprinting protection: offered by [Mozilla Firefox](https://en.wikipedia.org/wiki/Firefox) only

Tab stacking : offered by Safari only

Ability to disable font smoothing : offered by [Mozilla Firefox](https://en.wikipedia.org/wiki/Firefox) only.

Analysing different web browsers, we can conclude that Google Chrome has gained a lot of importance and popularity over the years. It is the most used web browser as of June 2019, covering approximately 70% users across globe, followed by Mobile, Firefox and so on. Internet Explorer which had 70% users as of 2008 has fallen to approximately 5% users toady.