1. Explain about Selenium Web driver architecture.

Selenium Web driver **supports different types of languages**, such as

* Java
* Python
* Java script
* C#
* Ruby
* Etc

Selenium architecture contains **browsing drivers**, which is used to **interact** with the **real browser.**

* **Chrome driver**  used to interact with **real chrome browser.**
* **Firefox driver** used to interact with **real Firefox browser.**
* **Edge driver** used to interact with **real edge browser.**
* **Safari driver** used to interact with **real safari browser.**
* **Opera driver** used to interact with **real opera browser.**

Selenium web driver understands the instruction of different languages with the help of

**W3C (world wide web consortium) protocol.**

1. **When will you use CSS Selector? Write a css selector for the following HTML**

**<input type="text" id=address class=inputs name=street >**

When it is difficult to locate element with one attribute 333, we may go with CSS selector, and while handling complex website with one attribute may fail to locate element

//tag#id by.cssselector(“input#’address”)

//tag.class by.cssselector(“input.inputs”)

//tag[attribute = ‘value’] by.cssselector(“input[type = ‘value’]”)

//tag.class attribute = ‘value’] by.cssselector(“input.inputs [type = ‘value’]”)

3)For the above HTML, write a pgm to find the web element using id.

driver.findElement(By.cssSelector(by.cssselector(“input#address”))

1. What is a Testcase? Write the format of Testcase template.

Test case is document which contains a scenario for every feature of the software, for every feature there will be a scenario , and for every scenario we write a detailed test steps to validate the scenario using test data.

Test case id

Test case name

Module name

Test scenario

Pre-requites which included test data, pre steps to preform

Test steps

Expected result

Actual result

Test status pass/fail

Remarks