\*\*\*\*\*\*\*\*\*\* Selenium Class-01 \*\*\*\*\*\*\*\*\*\*\*\*

1.What is Software Testing?

---identify correctness and quality of the application

2.Ways you can test an application?

a.Manual

b.Automation

3.Whats the need of automation testing?

--- Makes life easier

---saves time

---

4.What are the tools that you can use for Automation ?

--Selenium

--cucumber

--TestNG

--Katlon Studio

--Uft

5.Types of Testing?

--Functional;

--Non Functional

6.What is selenium?

--Selenium is a tool

--that help us to automate webApplication

--It is mainly used for Functional Testing.

7.Components of Selenium.

-- Selenium IDE

-- Selenium WebDriver

-- Selenium Grid

-- Selenium RC

8.What is Selenium WebDriver?

--It is a tool that allows us to perform actions on a WebApplication.

--It is an Interface.

9.Advantages:

--Open Source

--it works with multiple languages

--Works with multiple browsers

--Os independent

10.Disadvantages :

-- No technical support

-- Can not test Dektop applications

-- No built in reports

-- Can not test Captchas , images , videos

TASK1:

OPEN UP GOOGLE.com

using selenium Webdriver;

Steps:

1.

Q.difference between driver.quit() and driver.close()

-- close() --> it will close the current tab only

-- quit() ---> it will quit thw whole browser

Comparison

driver.get() ======= driver.navigate().to()

-- driver.get() is going to wait for the page to fully load before proceeding further

where as driver.navigate() will not wait for the page to fully load

-- navigate() keeps the history of the browser.

--- navigate() allows you to move forward , backward and refresh the page

additional option we get with navigate();

driver.navigate().back();

driver.navigate().forward();

driver.navigate().refresh();

fullscreen() vs maximize()

-- maximize() will maximize the browser and you will still be able to see url, tabs, bookmarks

and fullscreen() will maximize the whole web application