Day1

SELENIUM :

→ WebApplication testing tool

→ functionality testing tool. (Regression, sanity)

Selenium suite

① Selenium IDE :

→ 2006, Shinya Kastari

→ recording of playback.

→ Prototyping tool
↓
A tool → B application/software
benefits

Disadv

→ only mozilla firefox support

→ now in chrome

Selenium webdriver use some features part of Selenium IDE

② selenium. RC (Remote control)

→ programming knowledge we can use this

→ . Execution speed slow., no direct connection.

first connection to server.

→ we are not using now.

→ depricated tool

③ selenium webdriver :

. direct browser connection

. first version 2.0 ... |4.0|

Advantages

-> cross browser testing

-> speed high (direct browser connection)

-> diff. Pgm language

-> open source tool.

(4) selenium grid:

- Multiple machine testing support component

Requirements:

-> eclipe IDE / Java / selenium library files.

Download

Download

-> 4.28.1 new version.

-> new folder selenium -> subfolder -> zip file copy

-> Extract all

Eclipse

Open eclipe -> file -> new -> Java Project -> selenium -> uncheck create module -> Next -> libraries -> module path / class path -> Add External Jar -> sub folder -> sell all -> open -> finish.

Expand

selenium -> Expand -> JRE / Refrence library

src -> New Java Package -> uncheck. Package -> new -> class -> Google pgm -> OK

```
eg: PSVM{
        chroumDrivir driver = new chroumDriver();      ← object creation
             (import chreame driver)

        driver.get(string url); (site link)
        driver.close(); → opened of closed current tab
     }. driver.quit();
              ↳ entire because quit();
```

check wheather a tile is Matching or not

```
eg:     PSVM{
            chraumeDriver Driver = new chraumeDriver();
          driver.get(" link");
        string  actualtile = driver.gettiles();
        string  Expected title = "amazon.in";
        if (actualtitl.equalsIgnorecase (Expectedtitle)){
                {
                  sysout(" tile matched");
            }
             else {
                   sysout (" titel not matched");

        }     }
```

getTitle → get the tile of a website
→ store it in a string

get → get a website / open a website