2 2

HANDLING MULTIPLE ELEMENTS DATE

In order to get multiple elements from the Webbage or in order to perform operation on multiple elements, we use find elements method of webdriver

2) In order to identify multiple elements, follow below mentioned process

is See the html hirarchy of first element.
is See the html hirarchy for second element.
Like that check the html hirarchy of any random element if you found all are following the same hirarchy then see the common parent.

then define the branchy in which all the required elements are present.

e.g. In google search if we need to print all the suggestine given by google then as per above steps, all the options are having below mentioned html hirarchy,

Li Li div Li span

iii) After checking the common html hirarchy, we need to reachout the common parent which has all the options ul (class =" crkuge") L> div L> span -> li_ L> div_ L> div_ Span -> li L div L div L span - li bdiv bdiv span -> lils div Ls div Lspan

Find elements method returns list of web elements.

List < web Element > options = driver. find Element (
By. css selector (" 41 (class = "crkuge") li > div > dr>

span)

After getting all the elements, we can get the count of identified element by using "size c)"
e.g. options. size() -> (size of list)

In order to retrive individual element from above list < web Element >. We use get method by specifying index in the loop

For (int i=0; (soptions.size(); i++)

Sop (options get (i) get Text ());

give you a belp you to retrive the web element text from web element

Write a script to open any browser & open google in the serach input field type sclenium get the all suggestions of count & name.

public class Handling Multiple Elements

p. s.v.m (string EJargs)

System . Set Property (" webdriver. chrome. driver";
"Path");

web Driver d = new Chromepriver ();

driver manage (). Window (). maximize ();

//* Implicit wail *//

driver manage () time outs () implicitly wait (20, time unit seconds);

11 * step 2 * 11

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1

driver. get (" https: google.com");

"I tdentify search input field & type selenium*/
driver. find Element (By, name ("9"). sendkeys
("Selenium"));

//* Identify all the suggestion given by good le

List 5 Keb Element > options = driver. Find Element (

By . cssSelector (" Ulclass = 'ertuge') > li > dri > div > spoi));

1/4 get the ap count of options */ S.op. ("options count" + options. size());

Print all the options name */

For (int i=0; i< options. Size(); i++)

E threed. Sleep (2000);

3 S.O.p (Options.get (i).get Text ());

Remarks to

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Q Write a sclenium script to get samsung device count of their name from GSMArena.

I class Test

p.s.v.m (string E) args)

System. set Property ("webdriver.chrome.driver", Path");
webdriver driver = new Chrome Driver ();

/* Maximuse window site

driver · manage (). window () · maximize ();

driver manage (). timeoults (). implicity walt (
30, TimeUnit · seconds);

//* get URL * //
driver. get ("https://www.gsmarena.com/
samsung = phone"));

//* Identify device name *//
List < web Element > device name = driver. Find Element

(By. css Selector ("div [class = "makers"] > ul>li>
a>string > span"));

get the count //
5.0.p ("Count": "+ deviceName . size());

for (int i=0; i< deviceName.size(); i++)

Sop (deviceName.get(i).getText());

3

9. Write a script to print all the phone names from phone finder section of genarena.

application

Swrite a script to perform following actions
- Open any browser & enter the url of

genarena appl? & verify the landing page

- select samsung phone from phone finder

section & validate the page is open or

not.

- Verify weather this page has page initiation or not. If yes then print all the page initiation link. Size > a or not