	Page No.
0	How to open a browser?
\rightarrow	By using driver get ("url") or driver navigate to ("Url"
	- ALIOSO - ALIOSO -
@	Diffrance between Web Driver 4 Web Element?
->	Web Driver Web Element
	@ Perform the action on @ perform the action on elem-
	the brocoser ent which is present on
	kleb Page
	@ Diffrent methods: - @ Diffrent Methods
	(get () (isselected()
	@ pavigate to() (is displayed()
	(3) set Position ()
	(4) sendices (1)
no	(E) Clicke)
	0 001 511 0 6 3
	@ getCurrentur! ()
	O (1000)
Sur Sur	a quite
3	Diffrence between gets and nevigate()
→	gett) and routed tried
	a golf) method is the process but and
	to open the browser to open the action like
	(O navigate Porcoord()
	@ navigate Refresh()
-01	O navigale backcoorde)
	aut 129
9	Diffrence between colose() 4 quit () 9
->	elose () to close @ quit () memod used to close
	elose () close() method is used to close () quit () method used to close () the all tabs
	the current trowser the current

Page No	
STREET,	

- (5) How to maximize the browser?
- By wing the maximize () method Oyntax -

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

- @ can you minimize the browset.9
- -> No, we can not minimize the browser
- 0
- Component of selenium 9 There are four component of selenium selenium IDE , RC , Webbriver 4 grid
- 0 How to select eadio and checkbox
- -> By using clickly method we perform the action on tadio button and on checkbox.
 - Return type of eadio button is Webelement

oyntax -

WebElement eadio - driver Find Element (*path By rpath ("esp et tadio clicke)

- To perform diffrent action
 - (1) is Displaced

AND THE PERSON OF THE PERSON ASSESSED.

- @ isenable
- @ issurcted Peter MPC boolean
- How to take a text present in the web page 9 By wring gertextomethod we can get the text from the coeppage

```
(13 How to get the page tille 9
- By wing getTitles method we get the page title
   - etten of tittle 4 string.
     OUNTOX -
        String 5 = driver getTitlelli
        string d1 = "google";
       if ( 3. equals (di)) verify
         ( a 430 1 Pass');
          I ele
          { 34701 " tail") !
       Many Place to the see and surely
               DISTRICT PURPLE STORES OF PERSON
    To getTitle()
       String str = driver getTitle();
        ( 5450 ( Shr);
   aled Jims one sted them 35 that has been seen
(1) How to enter the value in input Field?
- By wing sendkey () we enter the value
   - 1st coe have to find the xpath of that perticular field
               ALIES SERVES NEW YEARS OF TO
(3) What is isselected, is Displayed, is Enabled, Find Element,
    gethindowhandle, gethindowhandler, sendkey, gettert, elick
  set Bice, Settosition
    - isselected 1) Method used to verify the coeb element is
  1 isselected98-
   selected or not
   - Probably used with radio buttons, dropdowns and
    checkboxes, boolean returning
              3 -20 -20 22 2312 201 22 - 00 1 140
     This method check the presence of all kinds of web
  (2) is Displayed ()-
```

-ilable

a	Oset Position (1) 1-
-	- used to set Position of browser
	Point
-	Point Position p = new Rosition (100, 200);
	driver set Position (P)
	10 Today select By Volue, select By Visibleles
(13)	Functions of listbox, select By Index, select By volue, select By visible Tech
11	
->	O List Box
	@ selectBy Index() :- List options using the specified
-	@ select By Index () ? - used to select the list options using the specified
-	index
11.5	index start coith o
43193	- index start coith o
	HibElement month = driver FindElement (By-xpath("exp"));
	MibElement month = attrettementh); select a = new select (month);
10000	5. selectBy index CTS/
	(3) solect By value :- ine list option using the sepcified
	- used to select the list option using the sepcified
104	value
	- store in string - store in string syntax:- driver FindElement (By xpath ("exp"));
	syntax:- UltibElement month = driver. FindElement (By. xpath ("exp"));
	select 5 = new select (month);
(Marcial)	select 5 = new select (" march");
	S. select By value & manufacture and the select and
	g select by Visible Text 8- used to select the list option from the drop down
	- used to select the tis
	Field

WebElement month = Oriver. FindElement (By. xpath ("exp"))

select = s = new select (month);

5. gelectByVisibleText (s);

- @ getoptions () %-
- Return all options belongs to your select tag
- Find the value in sequence
 - eg we have array in java then array display the value from index a to end of array.
- @ ismultiple () : -
- command is used to verify whether the specified select element support selecting multiple options at the same time
- it seturns true when it support selecting multiple options also betwo fail
- 1 get All selected ortion () 3 With of wet Element
 - used to retrieve all the list options that are currently selected in the multi-selection Box field
- (4) How to handle contomized list box 9
- Handlecustomized list box by using the action and key class

Action a = new Action ();

To there any alternate way to sendleyed and clicked method

(16) Diffrent type or would in selenium? -> Three types of waits wed in selenium @ Implicit Wait ?-4 will tell to web driver to wait for a rectain amount of a time before it throws the "No such element exception" 4 Il applicable for all the pages / element SYNTAX - . It will save the execution time. driver managers toindown + imeoutses implicitly would 10, TimeUnit seconds); @ Explicit West : -Ly applied only for specified elements by time + condition parameter wed Wellmire wont = new webdring of webdring reference, Timeout); (3) fluent wait :-L) It perform in the loop to stop the time 4 time, condition 4 frequency parameters are used From the surgery productions not a What one the Popup? How of popup's a How to handle the (199) Alat popup and child brocoser popup 9 Popup are the small and separate window conich will display when you perform the action on elements which are present on web Page. PERSONAL PROPERTY AND ADDRESS OF THE PARTY. Types of popupo 3-O Hidden Division Popupe @ Alert Popup (3) Child Grocoser popup 4 Authentication Popup 3 file opload (file doconload

handle alert Popup -

- we can not inspect element present in pop up
- drog and drop action can perform.
- This Popup will contain "ok", " concel" and
- t text" area of and
- also contain (9) 4 (1) symbol
- From main page to alert popup

 Syntax -

driver scoilchTo-overt ();

interroce

- @ Alert contain stat abstract method like
 - (Accept 1) + To click on " ok" button
 - (1) dismiss() To Click on "cancel" button
 - 3 getText () -> To get text from alert popup

handle child Browser Popup ?-

- coe can perform both inspect and drag + drop operation
- this popup will contain address field, maximize, minimize 4 close option

Handle 1st we need to switch the selenium Focus from main page to child bracoser page syntax -

el river switch To. window (swing id);

The multiple child brocoser displayed then to handle child brocoser popup we need to identify address field or id or ids which is unique

setesting > ids = driver. getwindowes()?

THE PERSON SET DEPOSITE OF REALLY MADE STORY (19) Write the code for screenshot driver. get L' www. google.com"); file source = ((Takescreensnot) driver) - getscreensnot As (outputfile-File); File destination = new File ("path of folder 11 img1-jpg"); FileHandler (opy (Bource, destination); of placed aged often of Linear Party Stephen of 29 How to fetch the data from excel sheet -> - First configure the apache poi sar file in our posject - create an excel sheet with some data and store it any conere in any drive - create an object of Inputstream class with the external sheet path as input

PileInpulstream File = new CileInpulstream (path"); - class object excelsheet pan - To open the excel sheet we need to use stotic method, which is present inside the worksook foctor CICUS aclass string value = work Book Factory . create (File) get sheet (sheet 1") · get tow (o) · get(ell(o) · getstring(ellvalue()) excel sheet 3450 (VOI4E); name -To open the specific sheet we need getsheel () method - To identify low coe need to use getrocol) method. - To identify tow column we need to use gel(ell() mo - To fetch the string value we need to me the getstringeolivalue () method - To fetch the nomeric value we get Numeric (eu volue 1) new of displaying the webpage as he 1 To handle the iframe we need to selenium focus

How to handle the iframe ? (pall of another web page cand from main page to frame by wing driver switchTol) Frame (string, value, index) Switch the frame by wing perticular string, value and index

@ once action is perform on the component present in i Frame -selenium will not navigate by wing defaul to main page

O To navigate from i frame to main page we need to use method like parent frame or default contain driver: switchTo(). Parent Frame() -> immidiate point for - driver switch To() default (antain ()

I amy child to main page

Page No.

Diffrent Annotations and keywords 8-

Diffrent Annatations :-

1 Before Class wed for execution of few test methods before execution test class

@ Afterclas wed for execution of few test methods After execution of 141 class and the time the time to the state of the st

3 Before Method -

wed for execution of few test methods before execution every test method

Marine Tours of the Control of the

The state of the same of the same of the same of the same of

a Aftermethod -

wed for execution of few test methods before after execution of every test memod

(F) TUI-

wed for execution of test method or test care

Diffrent keyword for annotations &-

1 Priority -

- To change the execution method we use priority - It bydefault o , positive integer , negative integer ,

duplicate

- priority can't be decimal or variables.

@ envocationCount -

- some time some method need to execute multiple time then we we invocation count most animal words may be so found

3 chabled :

need to skeep one of test method execution we need to use "enabled = false":

TimeOut :-

one of the test method is time consuming to execute the Testina by default fail that test method and execute other test method which can be using Timeout method Egypox

@ depends ON :-

If one test method is depend on the another multi

- 6(23) Which Framework you currently working ?
 - Data driven framework
- (24) Role and Responsibilities of test engineer?
 - Find the locators
 - . developing pom class
 - Envolve in execution
 - sending the Reports

Page No	
Date	

PACKET SHOWER A

CATTANN TO BEREION H

What are the diffrent xpath functions 9

A Xpoth Functions - I mount of the government

- (contains()
- and as @ start-coith () its and the start the
 - @ text()

Action and key closs in selenium

Action class - ability to handle verious type of keyboord

and mouse event

operations like drag 4 drop or clicking on multiple

elements

Q

4

diffrent function in action class -

act. move To Element () . perform ()

as aller of the process of several form and the court for

act. click c). perform

Functions for key class-

Key . A ELOW - UP () . PET FORM ()

key. ALLOW-down (). Perform ()

My. Enter

drag 4 drop function -

present in action class with palameter source 4 delination

the state of the state of the property of the state of 27 What are the limitations of selenium and in earch ease we can not me the selenium? -> 1 In selenium we can not upload and doconload the Lafile sy a month antique banging and of @ we can't automate the captons 3 can't automate the barcode God-noc test cases can't be automated a ser of another angewer to the terminal of the (28) Advantages of Test NG 9 (1) Ability to produce HTML, Reports of execution. -(2) Annotations are available, 1) Test care can be grouped or priorifized more early. (4) Parallel testing possible @ aenerate log files (6) execute fail lut cours a "de store come" have bellevilled as min minister or (3) Have you created any framework? - No, i didn't get a chance to involve in it (3) What is Mavon 9 What is pom-xml 9 - Mavan is Project Managment tool - mavon is used to manage dependancies (maintain night VEYSION OF JOY'S) THE THE PARTY OF THE PART THE REAL PROPERTY OF THE PARTY OF THE PARTY

rom - Project Object Model is fundamental unit of work in moven, it is an xML file that contains the information about the project and configuration details

(fail tat core soveren orbot wed)

(39) Diffrent type of exceptions in selenium? -> @ WebDriver Exception :- Unl in not proper way @ Unreachable brocoser exception :- when we interupt the brocoser cohile eunning the test script we will get unreachaste exception (3) unHandled alert exception - alert popup display and perform the action on browser and alert present exception; - without alert populp we perform on other popup (3) Unexpected tagname exception -@ Not connected exception s- when selenium for file unable to connect with browser then we will get not connected exception 1 Unsupported operation exception ?-1 no such a element exception; cohen time code wroung to identify element / because of synchronication (37) What is object cepository ?) Used to store element locator value in centralized location insted of hard coding them within the script We do create a property file (-properties) to store all the element locators and there properly files act on an object tepository in selenium web-priver (30) Advantages of POM ? O It makes easy in maintaining the code @ Makes code teadable @ Makes the code remoble (a) The tode becomes less and optimised

(3) Diffrence between soft assert and hard Sect Resert 1-

- To evercome the drawback of assert class we need to use soft assert

soft assert collects errors during Blest

- does not throw an exception when assert throw-Foul

Hard Rasert S-

To redude the length of test surip we use had assess

(3) Where do you store your fest data?

- Excel sheet

Where do you store your login credintials? (3.5)

Property File

(40) What is headless browser 9

Headless browser is a browser simulation program that does not have a user interface

. These programs operate like any other browser , but do not display any UE

Latest versions of selenium 9 (41)

(chrome - 76.03109

(1) JIRA -> 3.8

(1) HPALM → 12.55

@ selenium Webdriver -> 3-14

(SOL SETTET -> 2014

(6) SOAP UI - 2-3-2

1 TAVA - 11-0-2

(1) Postman -> 7.8

(5) Eclipse + photon