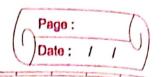
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571	Practical No:-9.
	A complete the state of the state of the
	Name: - Ishwari Rajiv Narkhede
	PRN:- 1841034
	Batch: 84
	class: L.Y.BTech
Y	Aim: - study of selenium Testing tool.
	will be have the many the transfer of the state of the st
	+ Theory -
	- malable framework
	Selenium is a portable framework
	for testing web applications. selenium provides
	a playback tool for authoring functional tests
	without the need to learn a test scripting
	language. It also provides a test domain specific
	language to write tests in several popular
	programming languages including c#, Growy,
1 .	Java, Perl, PHP, Ruby & scala
	selenium is an open-source, test
	automation tool that has become an important
	automation tool in the software quality assurance
	world selenium testing tool is a lightweight
ترقم أو	tool and is developer-friendly commonly used
	for automating web applications.
· ·	to the same of the
	* components of selenium -
	There are various components of
	selenium tool which provide different features
	that support multiple browsers, deliver parallel
	test capabilities and can be executed on multiple
	Scanned by CamScanner
	Nambar and Sambar

	machines. It has a suite of tools which cater
	to different needs of businesses and has the
	following components:-
	1 1-184 5-44
	1) Selenium Remote-control (RC) -18
	selenium RC supports all major web
	browsers and this tool interprets commands
	to convert them into Javascript and further
	these scripts are injected into the browser.
	2) selenium IDE- 1 1 minuse
Service !	Selenium IDE is a simple record and
10	playback kind of tool which is available as
	an add-on for firefox only.
	9 FM J DINE -
	3) selenium WebDriver-
	It is one of the vital tools of
	the calenium suite and it does not require
	any manual process like selenium server and
	has direct communication between code and
1017	browsen and the last writerest po
	. Morro saportis och si trok pritornatur
	4) selepium Grid -
-	The selenium arid is the last components
	of celenium suite and is used tor parallel
	testing and sometimes even supports distributive
	testing.
	the thoroughout statistic and their
*	Steps for selenium Testing:
	to south maximise distinct they consider
	to be between a free bree still with the



-) Automate a smoke test or any functional
- 2) Develop the test automation framework
- 3) Develop the test case.
- 4) Integrate the test case into a CI environment
- 5) Establish proper logging and reporting for the developed test case.
- () Run the test cases through a continuous integration environment using Jenkins or any other CI tool.
- +) When once test scripts are run and if they pass then the particular feature is developed and can be integrated into the product or application.

Conclusion: -

Selenium is the most effective test automation tool for go due to its wide range of features such as open source, supports many languages, integrates easily with many platforms, has cross browser support and is best suited to test web-application. Hence, businesses need to prefer selenium tool as a promising test automation tool for webapplication testing.