



STUDENT REPORT

DETAILS

Name

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Roll Number

20R01A66F1

EXPERIMENT

Title

WEEK 1

Description

WEEK-1

AIM: Download and Install JAVA, Associate SWD Jars and Browser drivers.

ALGORITHM:

- 1. How to install JAVA
- 2. How to create and associate with SWD jars
- 3. How to select the browser drivers and make them to install.
- 4. How to convert browser drivers into .exe format.

Procedure and Overvation:

JDK

- JDK is an acronym for Java Development Kit.
- The JDK is a software development environment which is used to develop java applications and applets.
- The JDK contains a private JVM and few other resources such as an interpreter, a compiler,an archiver etc.to complete the development of a jav a application.

ECLIPSE

- Eclipse is an integrated development environment for developing applications using the java programming language.
- The Eclipse platform which provides the foundation for the eclipse IDE is composed of plug-ins.
- Eclipse can be used as an IDE for any programming language for which a plug-in is available

SELENIUM SERVER

- Selinium Server is essential to execute selenium RC tests and webdriver tests in remote machines through selenium grid.
- Selenium server is essentially based on how one intends to use selenium webdriver.
- selenium webdriver is used to perform automatic testing of various web applications against varrious browsers.

SELENIUM RC

- Selenium RC is an important component in the Selenium test suite.
- It is a testing framework that enables a QA or a developer to write test cases in any programming language
- The RC server acts as a mediator between the browser and selenium commands

WEBDRIVER

- WebDriver is a remote control interface that enables introspection and controls of user agents.
- key methods are get(string),which is used to load a new web page.
- It is also used to find WebElements.

VIVA RESPONSES

Q) Selenium tests _____

Browser-based applications

Q) What does an Eclipse IDE allow?

Editing, building, Debugging, Compiler

Q) The major visible parts of an eclipse window are?

All of the above

Q) Selenium IDE stands for

Selenium Integrated Development Environment

Q) Which one is NOT features of Selenium?

can be tested windows based apps