

MODULE – 5 “*SELENIUM IDE*”

1. What is Automation Testing?

Automation testing is **the process of testing software and other tech products to ensure it meets strict requirements.**

2. Which Are The Browsers Supported By Selenium Ide?

Selenium IDE has add-ons for **Firefox and Chrome** browsers.

3. What are the benefits of Automation Testing?

- Lower operating costs
- Improved worker safety
- Reduced factory lead times
- Faster ROI
- Ability to be more competitive
- Increased production output
- Consistent and improved part production and quality
- Smaller environmental footprint
- Better planning
- Reduce need for outsourcing
- Optimal utilization of floor space
- Easy integration
- Maximize labor
- Increase productivity and efficiency
- Increase system versatility

4. What are the advantages of Selenium?

- Selenium is an Open Source Software.
- Selenium supports various programming languages to write programs (Test scripts)
- Selenium supports various operating systems (MS Windows, Linux, Macintosh etc...)
- Selenium supports various Browsers (Mozilla Firefox, Google Chrome, IE, Opera, Safari etc...)
- Selenium supports Parallel Test Execution.
- Selenium uses fewer Hardware resources.
- Test cases can be executed while the browser window is minimized.
- Selenium Test Case Execution time is faster than other tools like UFT, RFT, TestComplete, SilkTest, etc.

5. Why testers should opt for Selenium and not QTP?


With Selenium grid, you have the ability to run as many tests as you want. Further, you can achieve this when you need and in parallel. You will just need a browser so that you can run the test. With QTP testing tool, there is no resource like selenium grid and hence selenium takes preference here.

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Zip file linked with github : **<https://github.com/lalukiyapriyanka2530/priyanka-testing>**

SELENIUM IDE :

 **<https://github.com/lalukiyapriyanka2530/priyanka-testing/blob/main/TOPS-TECHNOLOGY%20.side>**