

K6 Installation & Execution Performance test script

1. Introduction

I have created 2 test scripts to verify performance of Practice & Complicated page. It saved on

[\BOT_Ultimate QA practice\Performance Test K6](#)

2. Here is instructions on how to install k6 and execute 01_PracticePage.js

a. Installation:

- **Check Operating System:** Determine your operating system (Windows, macOS, or Linux). The installation process will vary slightly depending on your OS.
- **Installation Method:** You have two main options:
 - **Package Manager (Recommended):** If you're comfortable with package managers like npm (Node Package Manager) or yarn, this is the simplest approach. Open a terminal window and run the following command (replace your_package_manager with npm or yarn):
`your_package_manager install -g k6`
 - **Download and Install:** If you prefer a manual approach, visit the official k6 download page (<https://k6.io/docs/get-started/installation/>) and download the installer for your OS. Follow the on-screen instructions to complete the installation.
- **Verification:** Once installed, verify the installation by opening a terminal and running:
`k6 --version`

→ This should display the installed k6 version.

b. Executing Existing Test Scripts:





1. **Navigate to Script:** Performance Test K6
2. **Run the Script:** Execute the script using the following command:
`k6 run .\01_PracticePage.js`
→ See /BOT_Ultimate QA practice/Guidelines/**PerformanceTest_K6.mp4** video



3. Test report

The html report will be exported to 'Performance Test K6' folder

This PC > Documents > BOT_Ultimate QA practice > Performance Test K6

Name	Date modified	Type	Size
 01_PracticePage.js	7/15/2024 2:21 PM	JavaScript Source ...	2 KB
 02_ComplicatedPage.js	7/15/2024 2:49 PM	JavaScript Source ...	2 KB
 report_ComplicatedPage.html	7/15/2024 2:53 PM	Microsoft Edge HT...	15 KB
 report_PracticePage.html	7/15/2024 2:51 PM	Microsoft Edge HT...	15 KB