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# Workload Simulator Mentor Workshop

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## Overview:

Learn to use Workload Simulator to record, develop, and play back test scripts that simulate users on your network. Understand how to use these scripts to perform Load testing, Stress testing, Performance testing, and Regression testing. An experienced IBM consultant will provide in-depth lecture and lead discussion. Instructor-led hands-on lab exercises may be done on your system.

## Skills Taught:

- Create a Workload Simulator “project” to contain your test scripts.
- Capture live sessions to automatically create test scripts.
- Modify the data, sequence, and or logic in your scripts.
- Supply data to your scripts from a file.
- Execute your script from your TSO session or from a batch job.
- Perform regression testing by comparing the results of multiple test executions.
- Perform load testing by simulating a large number of users.

## Course Outline:

- Introduction
- First-time set up
- Creating a “Project”
- Running a Simulation
  - Using IDC (Interactive Data Capture) to create a Test Case
  - Create a “Schedule” and Execute a Simulation
  - View reports
- Using User Tables for input
- Running WSim as a Batch Job
- Modularize Test Cases
  - Use IDC to generate modular Test Cases
  - Create a “Test Group”
- Running a Regression Test
- Using the Display Monitor
- Running a Load Test
- The Scripting Language
  - Coding STL programs: the Basics
- WSim Operator Commands

## Prerequisites:

To get the most from this workshop, you should:

- Be familiar with TSO and ISPF, and understand basic 3270 concepts
- Know how to allocate and edit data sets
- Be able to submit a batch job, and view it’s output