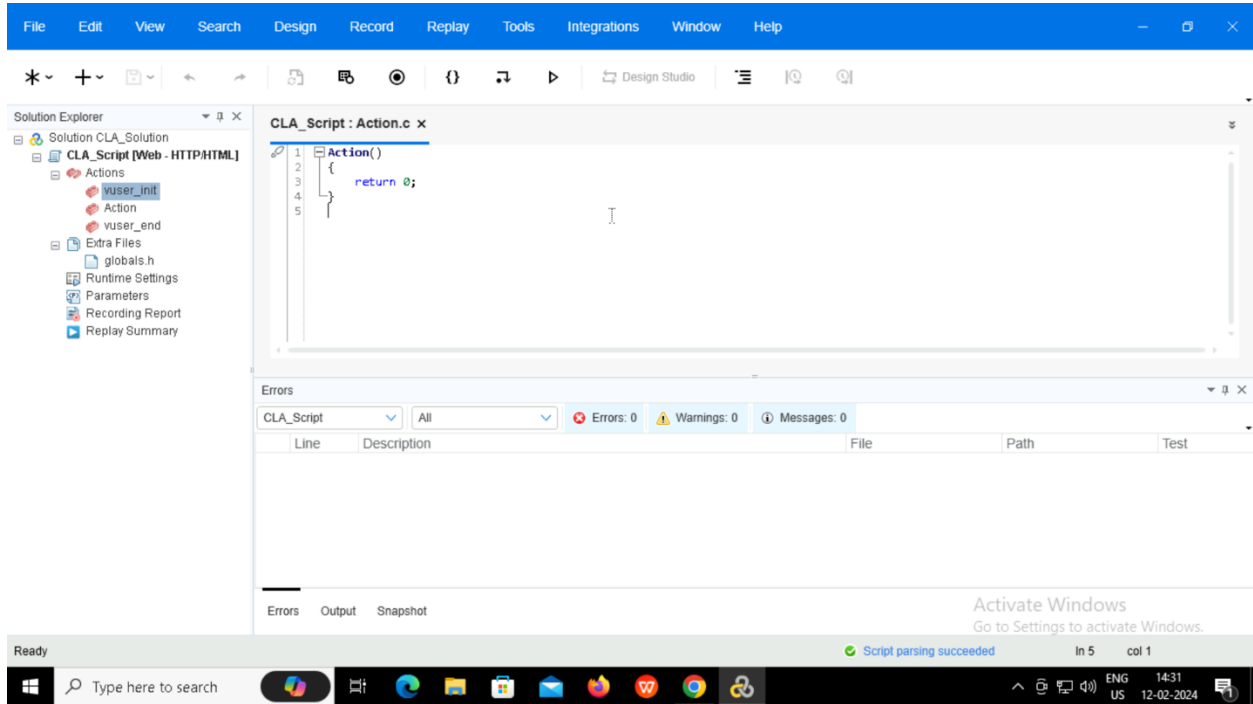
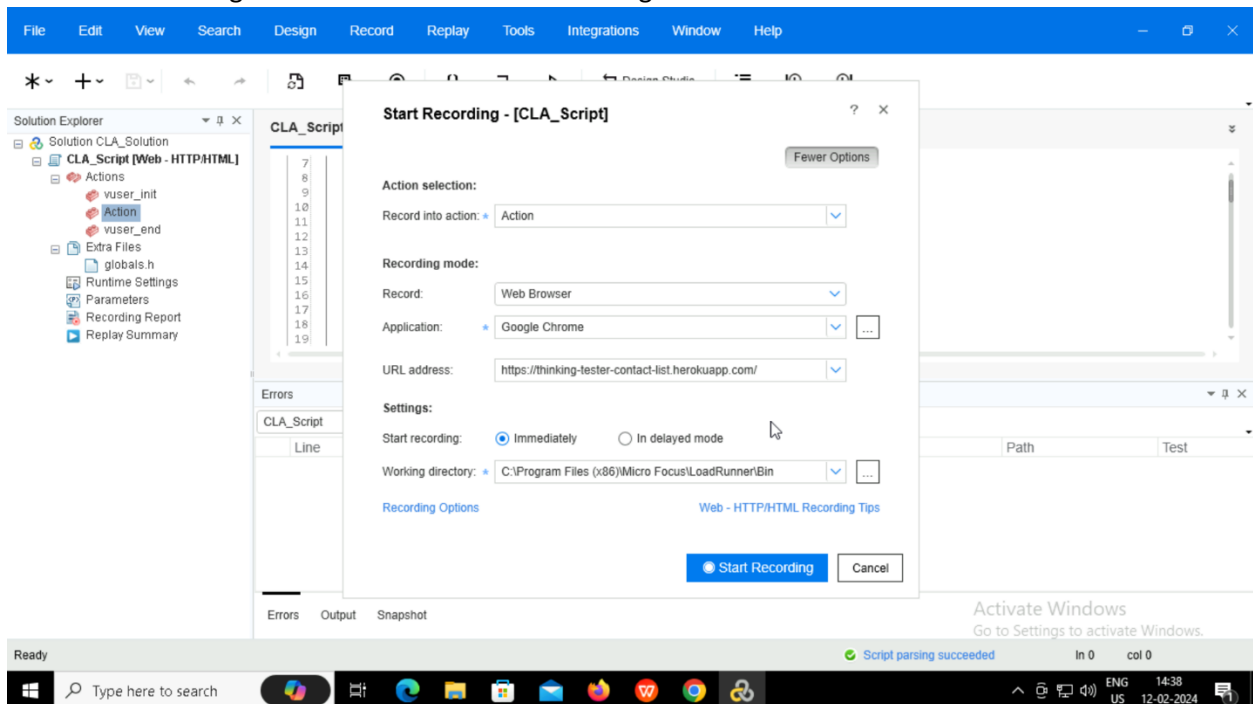


Case study: Contact List App (Load runner)

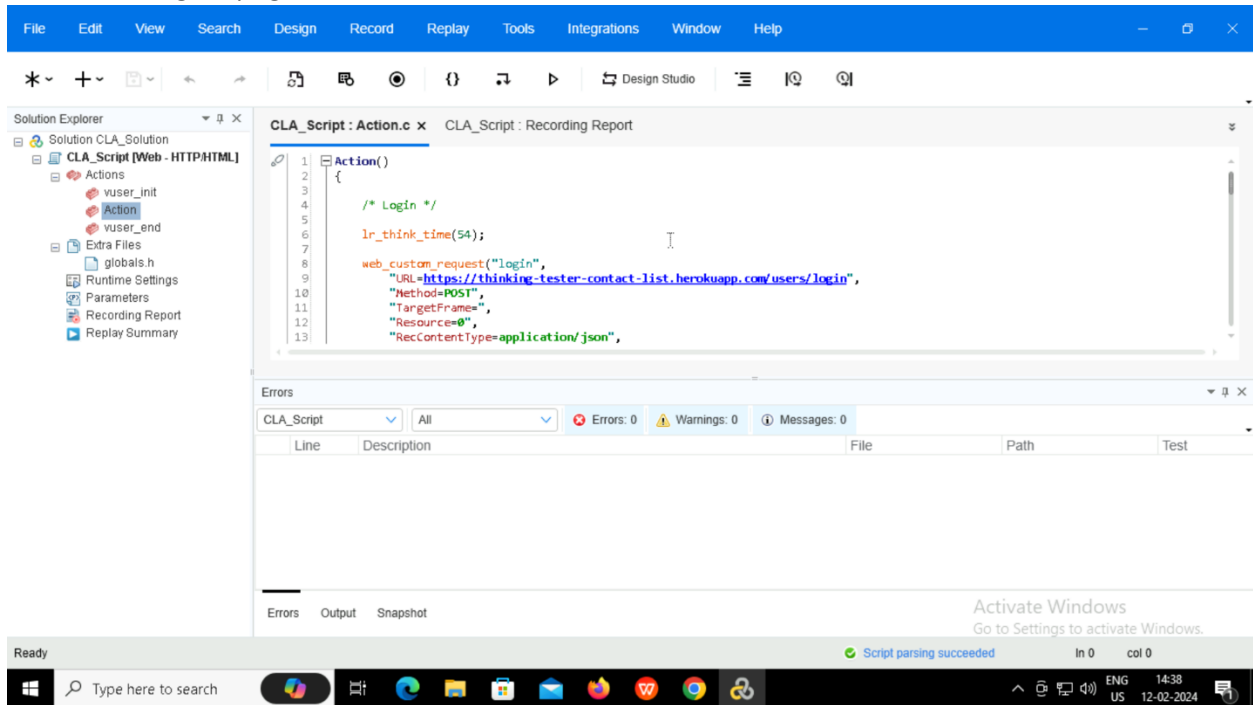
Started VuGen



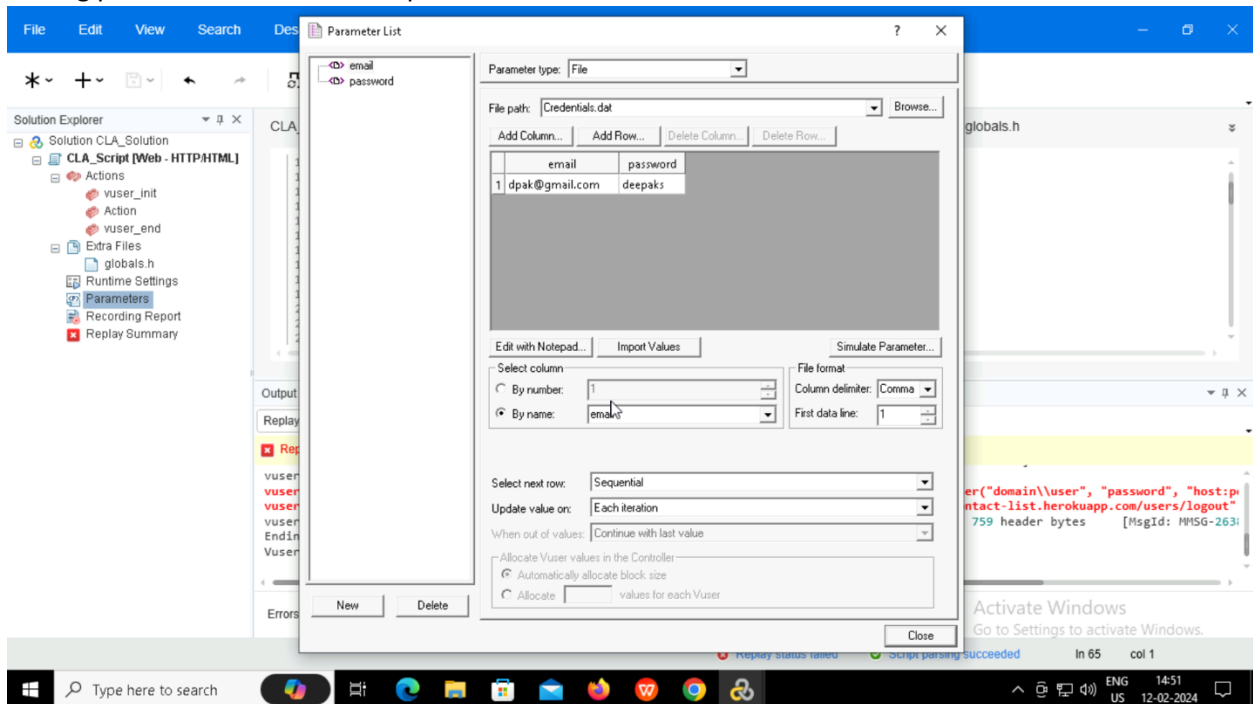
Initialized recording with the url and started recording



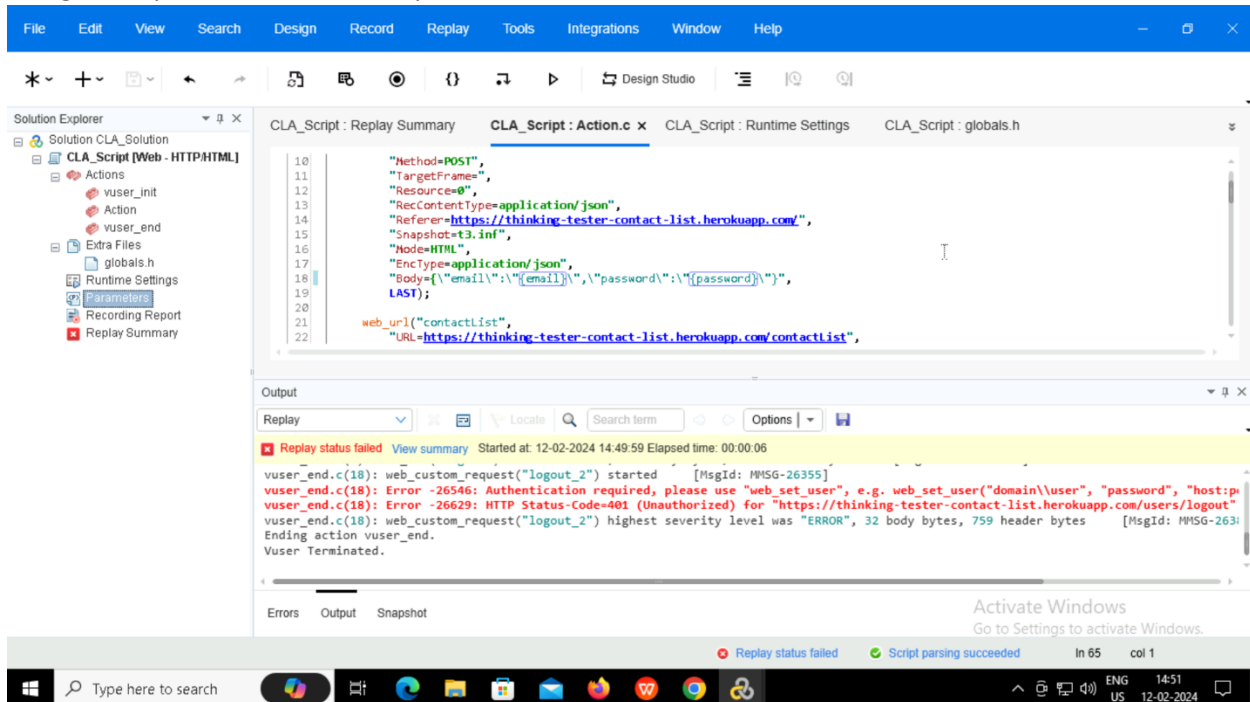
After recording script got loaded



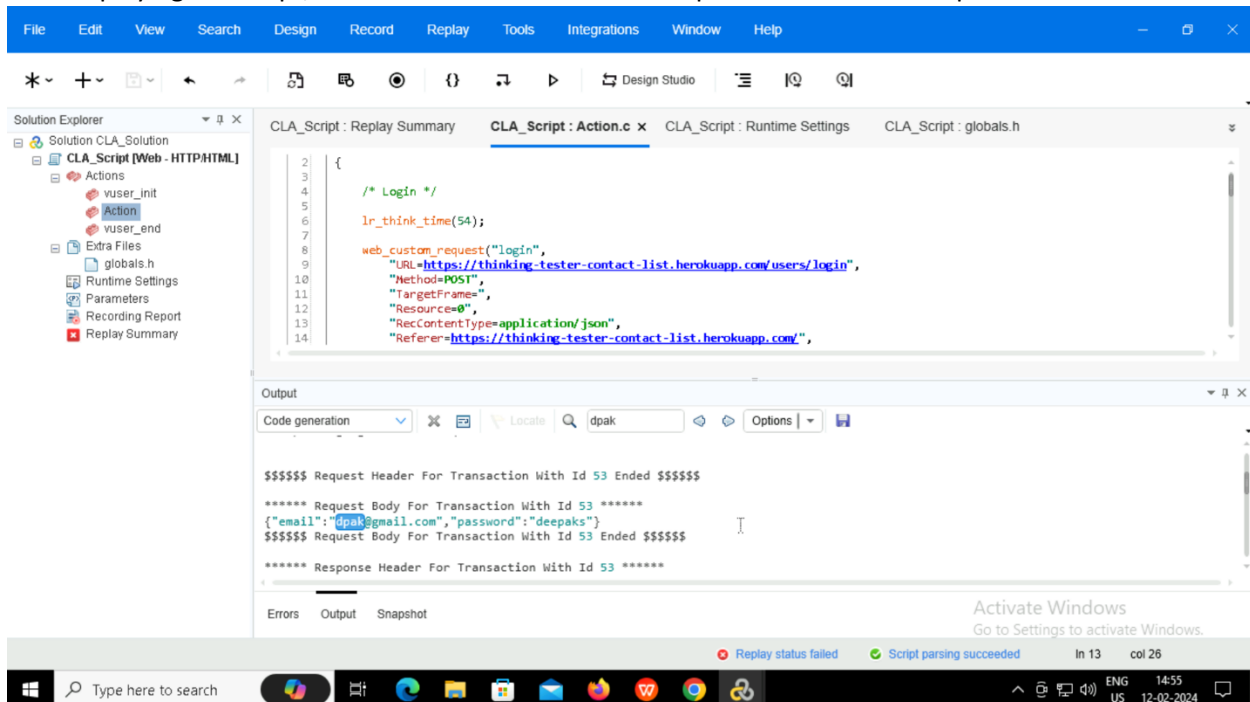
Adding parameters for email and password



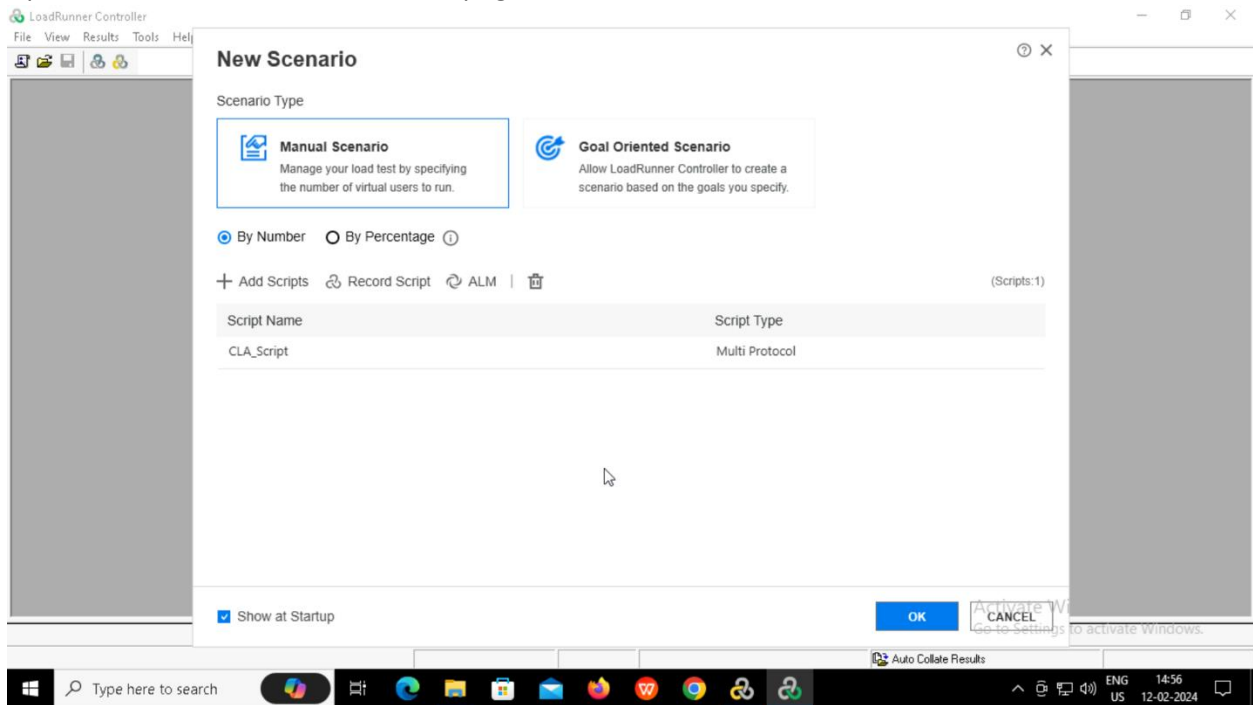
Using those parameters in the script



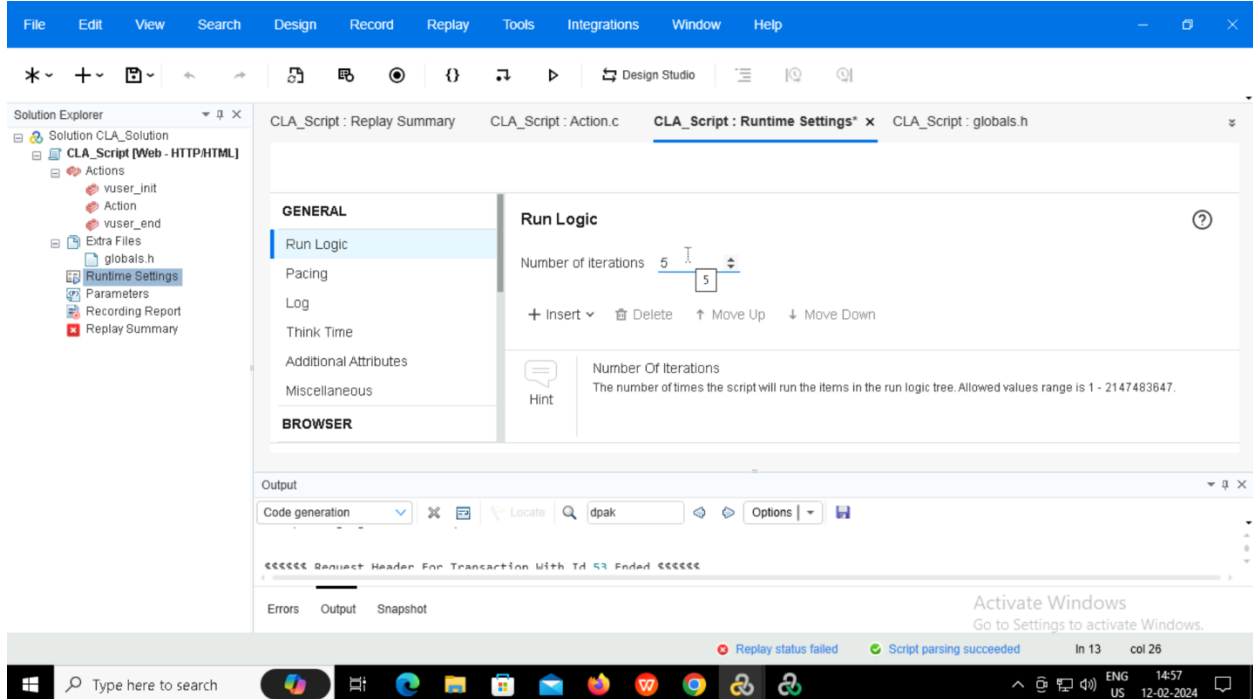
After replaying the script, we can see the values from the parameters in the output code



Opened Controller and loaded the script generated in VuGen



Before proceeding, increased the number of iterations in the run time settings in VuGen



In Contoller, added more Vusers

LoadRunner Controller - Scenario1 - [Design(1)]

File View Scenario Results Diagnostics Tools Help

Scenario Groups

Group Name	Script Path	Quantity	Load Generators
cla_script	D:\LR Scripts\CaseStudy\CLA_Solution\CLA_Script	1	localhost

Service Level Agreement

Service Level Agreement

test, your load test.

Scenario Schedule

Schedule Name: Schedule 1

Schedule by: Scenario

Run Mode: Real-world sch

Global Schedule

Total: 1 Vu

Action	Properties
Initialize	Initialize each Vu
Start Vusers	Start 1 Vusers: 1
Duration	Run for 00:05:00
Stop Vusers	Stop all Vusers: 1

Add Vusers

Group Name: cla_script

Quantity to add: 5

Load Generator Name: localhost

Virtual Location: Network Virtualization not installed

Select Script

Script Name: CLA_Script

Script Path: D:\LR Scripts\CaseStudy\CLA_Solution

CLA_Script

GoogleImageLanguageScript

Google_script

Script1

UTPST

UTPS_Checks

UTIP_Checks

Run

Gradual Stop

Stop

Reset

Details...

Add Vuser(s)

Refresh

Help

Close

00:03:00 00:04:00 00:05:00 00:06:00

Time

Legend

Global Schedule

Activate Windows

Go to Settings to activate Windows.

Auto Collate Results

Type here to search

15:02 12-02-2024

LoadRunner Controller - Scenario1 - [Design(1)]

File View Scenario Results Diagnostics Tools Help

Scenario Groups

Group Name	Script Path	Quantity	Load Generators
cla_script	D:\LR Scripts\CaseStudy\CLA_Solution\CLA_Script	1	localhost

Service Level Agreement

Service Level Agreement

Currently no SLA rules are defined for the load test. Click the New button to define SLA criteria for your load test.

Scenario Schedule

Schedule Name: Schedule 1

Schedule by: Scenario

Run Mode: Real-world schedule

Global Schedule

Total: 6 Vusers

Action	Properties
Initialize	Initialize each Vuser just before it runs
Start Vusers	Start 6 Vusers: 1 every 00:00:15 (HH:MM:SS)
Duration	Run for 00:05:00 (HH:MM:SS)
Stop Vusers	Stop all Vusers: 1 every 00:00:30 (HH:MM:SS)

00:00:00 00:01:00 00:02:00 00:03:00 00:04:00 00:05:00 00:06:00 00:07:00 00:08:00 00:09:00

Time

Legend

Global Schedule

Activate Windows

Go to Settings to activate Windows.

Auto Collate Results

Type here to search

15:02 12-02-2024

Before running Vusers

The screenshot shows the LoadRunner Controller interface for Scenario1 in the Run state. The Scenario Groups table lists Group Name 1, CLA_Script, with 6 Pending users. The Scenario Status panel shows Running Vusers: 0, Elapsed Time: 00:00:00, Hits/Second: 0.00, Passed Transactions: 0, Failed Transactions: 0, Errors: 0, and Service Virtualization: OFF. The Graphs section on the left shows Runtime Graphs (Running Vusers, User Defined Data Points, Users with Errors, Error Statistics) and Transaction Graphs (Trans/Sec (Failed, Stopped), Trans/Sec (Passed) by Location, Trans/Sec (Passed)). The main area displays four empty graph windows: Running Vusers - Whole Load Test, Trans Response Time - Whole..., Hits per Second - Whole Load Test, and Throughput - Whole Load Test. The bottom status bar shows the Windows taskbar with the system clock at 15:03 on 12-02-2024.

Group Name	Down	Pending	Init	Ready	Run	Rendez Passed	Failed	Error	Gradual Exiting	Exiting	Stopped
1		6									
CLA_Script		6									

Scenario Status	Down
Running Vusers	0
Elapsed Time	00:00:00 (hh:mm:ss)
Hits/Second	0.00 (last 60 sec)
Passed Transactions	0
Failed Transactions	0
Errors	0
Service Virtualization	OFF

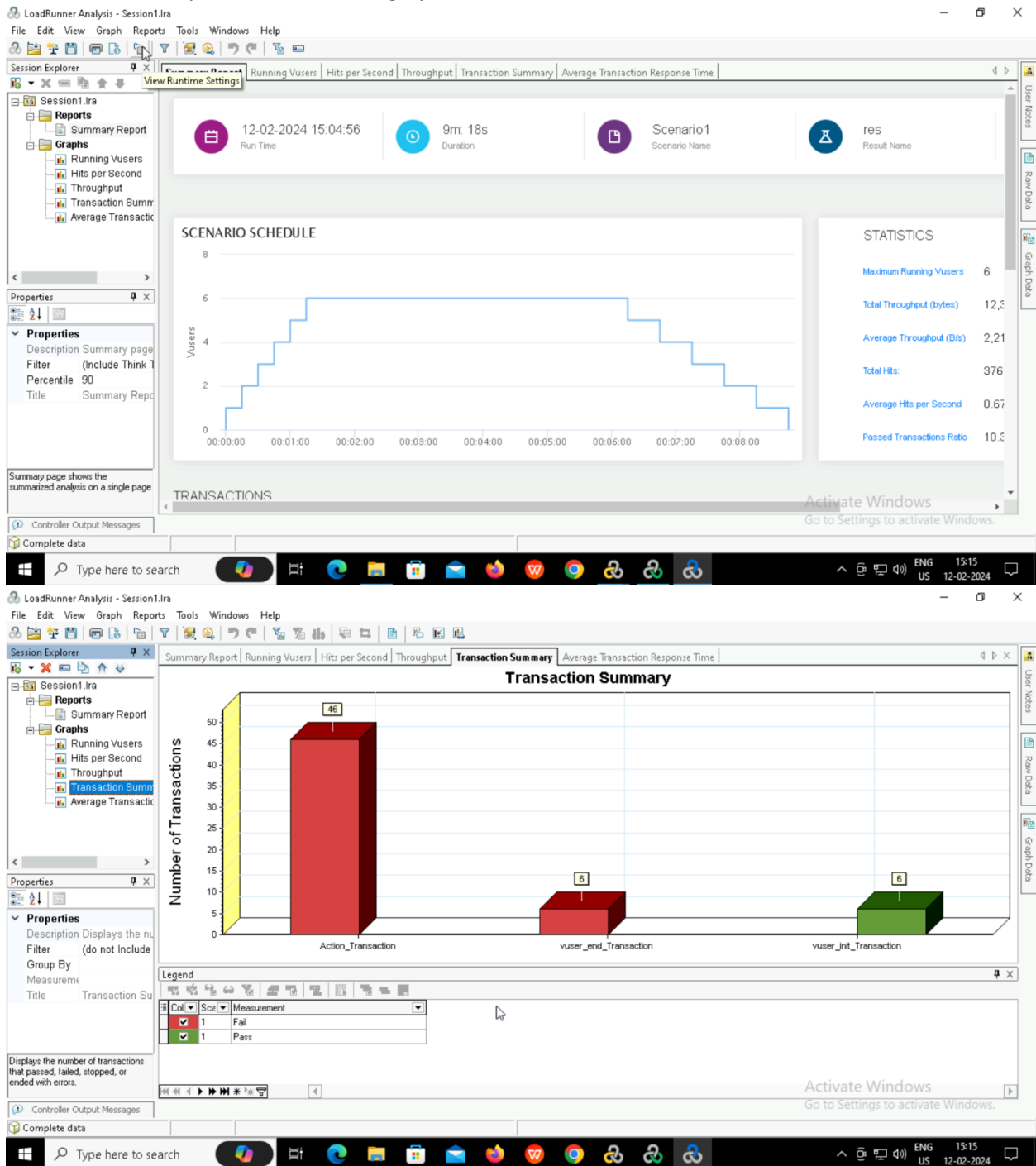
After the run is complete

The screenshot shows the LoadRunner Controller interface for Scenario1 in the Run state after the run is complete. The Scenario Groups table lists Group Name 1, CLA_Script, with 6 Failed users. The Scenario Status panel shows Running Vusers: 0, Elapsed Time: 00:00:00, Hits/Second: 0.80, Passed Transactions: 6, Failed Transactions: 51, Errors: 102, and Service Virtualization: OFF. The Graphs section on the left shows Runtime Graphs (Running Vusers, User Defined Data Points, Users with Errors, Error Statistics) and Transaction Graphs (Trans/Sec (Failed, Stopped), Trans/Sec (Passed) by Location, Trans/Sec (Passed)). The main area displays four graph windows: Running Vusers - Whole Load Test, Trans Response Time - Whole..., Hits per Second - Whole Load Test, and Throughput - Whole Load Test. The bottom status bar shows the Windows taskbar with the system clock at 15:14 on 12-02-2024.

Group Name	Down	Pending	Init	Ready	Run	Rendez Passed	Failed	Error	Gradual Exiting	Exiting	Stopped
1							6				
CLA_Script							6				

Scenario Status	Down
Running Vusers	0
Elapsed Time	00:00:00 (hh:mm:ss)
Hits/Second	0.80 (last 60 sec)
Passed Transactions	6
Failed Transactions	51
Errors	102
Service Virtualization	OFF

In loadrunner analysis, we can see the graphs



This is the report generated from the analysis

