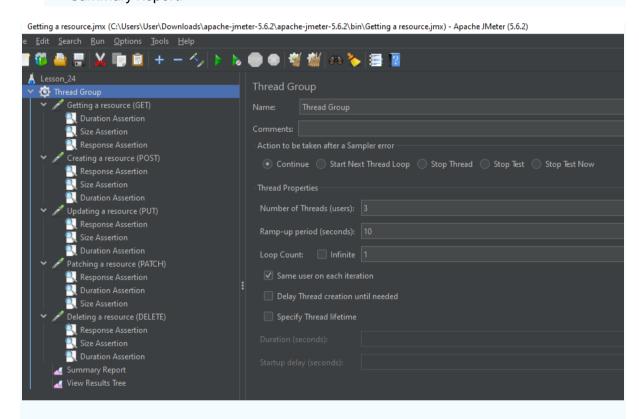
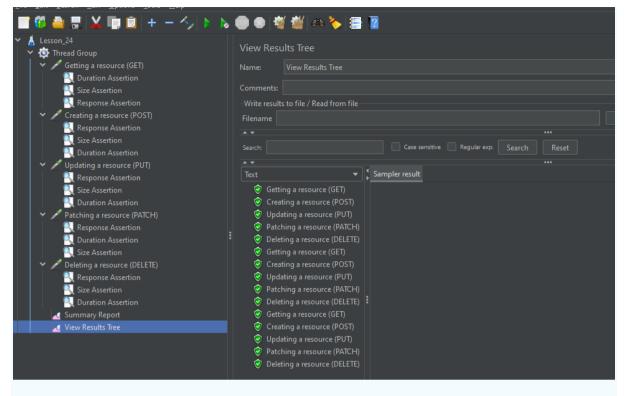
- 1. Створи набір з GET, POST, PUT, PATCH, DELETE запитів до <u>JSONPlaceholder</u>, які надсилаються протягом 10 секунд у 3 ітерації.
- 2. До кожного з запитів застосуй 3 різних assert'и.
- 3. Результати виконання тестів мають бути отримані за такими Listener'ами:
  - View Results in Tree
  - Summary Report.



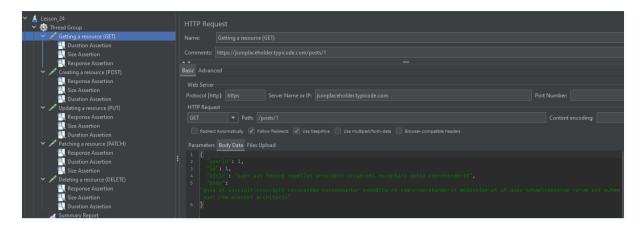




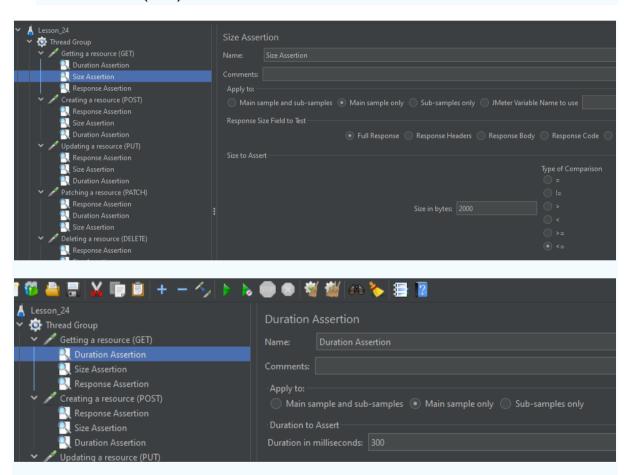
4. Опиши висновки щодо результатів тестування (базуючись на репортерах) в окремому файлі.

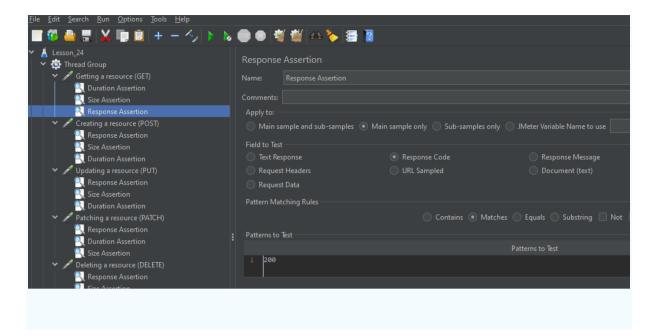
Тестування проходить в тест-плані "Lesson\_24" по всім запитам одночасно:

### 1. Getting a resource (GET):

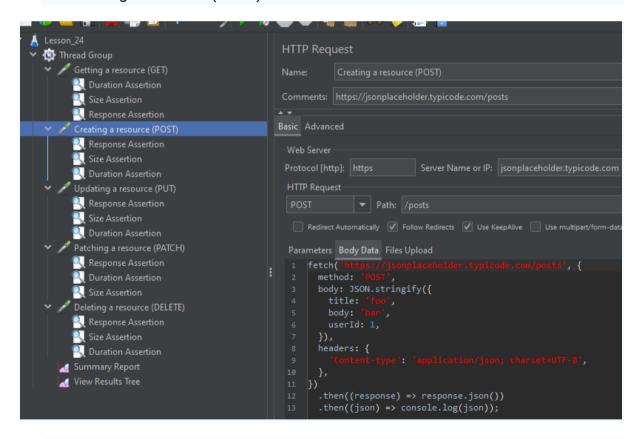


## Assertions (GET)





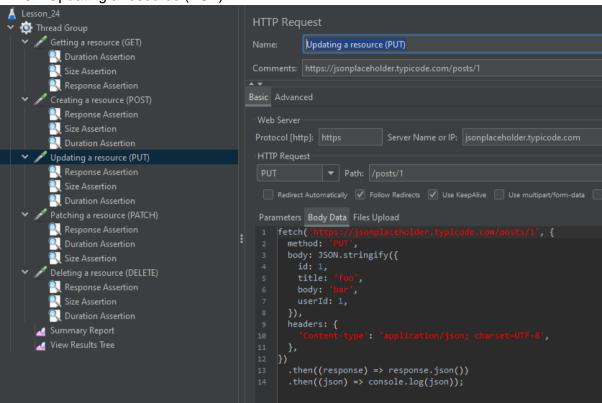
2. Creating a resource (POST):



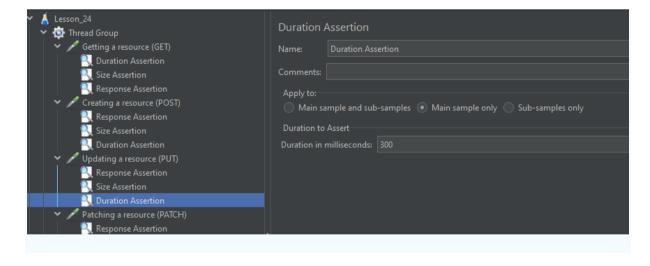
Assertions (POST)

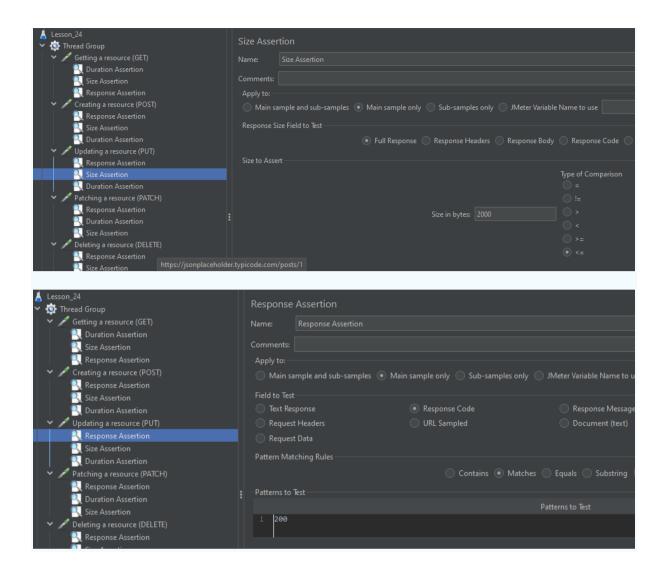
<u>E</u> dit <u>S</u> earch <u>R</u> un <u>O</u> ptions <u>T</u> ools <u>H</u> elp				
🎁 🚔 🖫 📈 📭 📵   + 🤣	🕨 🕟 🐠 🗷	) 👹 🎆 🎮 🍖 🍾 🛚 :	<b>?</b>	
▲ Lesson_24				
▼ 🎡 Thread Group	Durat	ion Assertion		
▼ ✓ Getting a resource (GET)	Name:	Duration Assertion		
Q Duration Assertion		Dulation Assertion		
Size Assertion	Comm	ents:		
Response Assertion				
✓ ✓ Creating a resource (POST)	Apply	to:		
1 0		lain sample and sub-sampl	les   Main sample only 🔵 Su	ıb-samples only
Response Assertion Size Assertion	- Durat	on to Assert		
Q Duration Assertion				
	Durati	on in milliseconds: 300		
✓ ✓ Updating a resource (PUT)				
Response Assertion Lesson_24				
tesson_24	Size Assertion			
✓ ✓ Getting a resource (GET)	Name: Size	A		
Q Duration Assertion	Name: Size	Assertion		
Size Assertion	Comments:			
Response Assertion	Apply to:			
✓  ✓ Creating a resource (POST)		and sub-samples   Main s	sample only Sub-samples only	JMeter Variable Name to use
Response Assertion				
Size Assertion	- Response Size Fi	eld to Test		
Nuration Assertion		• Full	Response Response Headers	Response Body Response Code
✓	- Size to Assert -			
Response Assertion	Size to Assert			
Size Assertion				Type of Comparison
Q Duration Assertion				
✓				
Q Duration Assertion			Size in bytes: 2000	
Size Assertion				
✓ ✓ Deleting a resource (DELETE)				
Response Assertion				
■ 🗗 🧗 👜 🔜 📈 📭 📵 🛨 ー 多 🕩	· 🝌 🔞 🔞	🖏 🅍 🆚 🍾 🔚 1	?	
✓ Á Lesson_24				
✓ 🏠 Thread Group	Respon	se Assertion		
✓ ✓ Getting a resource (GET)	Name:	Response Assertion		
Q Duration Assertion		nesponse Assertion		
Size Assertion	Comment			
Response Assertion	- Apply to			
Creating a resource (POST)			Main sample only Sub-samp	les only SMeter Variable Name to use
Response Assertion				
🔍 Size Assertion	Field to	est		
🔍 Duration Assertion	Text	Response	<ul><li>Response Code</li></ul>	Response Message
Updating a resource (PUT)	Requ	iest Headers	URL Sampled	Document (text)
Response Assertion	Requ	iest Data		
Size Assertion	D-11 I	Matching Rules		
Uration Assertion	Pattern	latching Rules		
Patching a resource (PATCH)			Contains	Matches Equals Substring
Response Assertion	: Patterns	to Test		
Q Duration Assertion				Patterns to Test
Size Assertion	1 20	1		- Tomana you rest
Deleting a resource (DELETE)				
Response Assertion				

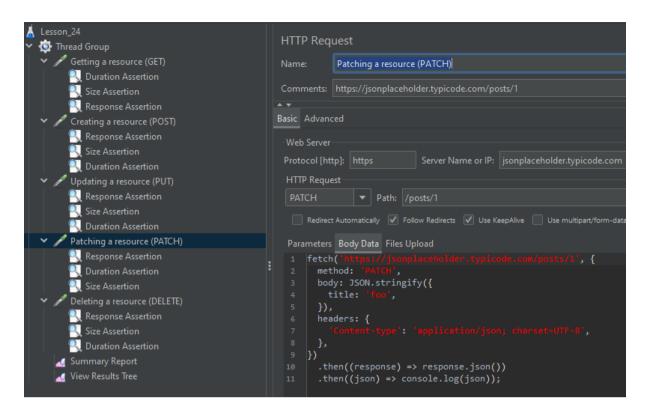
3. Updating a resource (PUT):



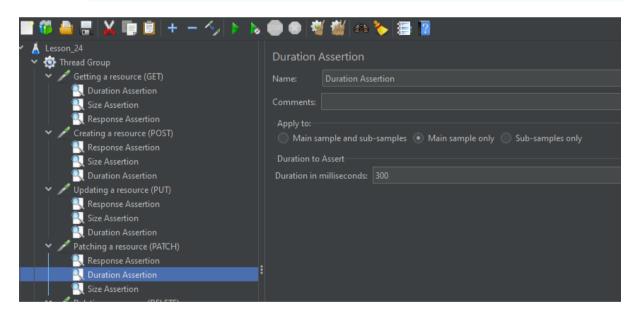
## Assertions (PUT)

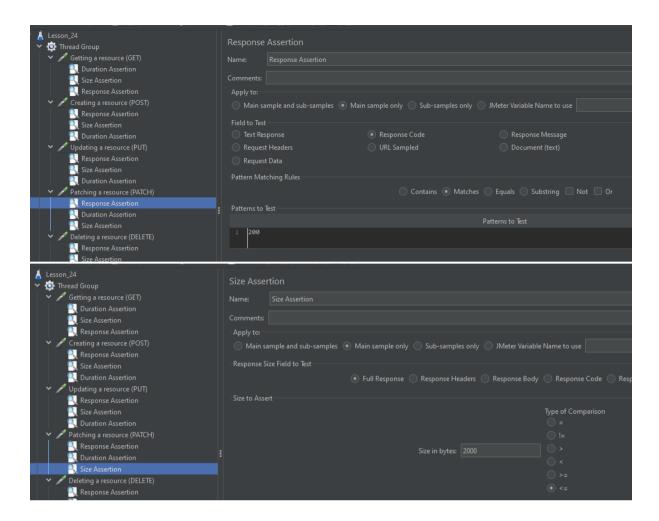




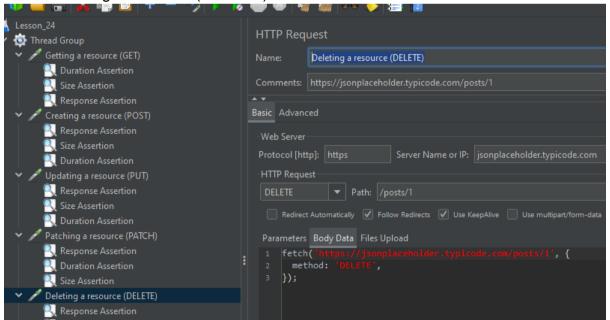


#### Assertions (PATCH)

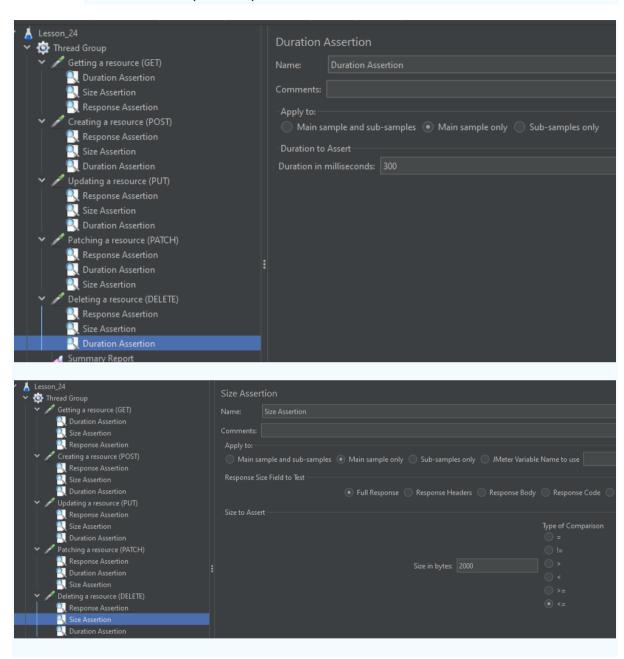


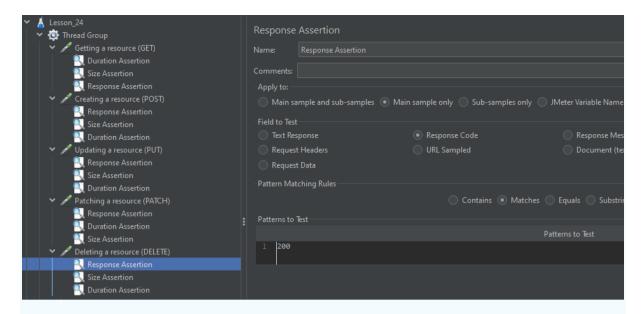


5. Deleting a resource (DELETE):

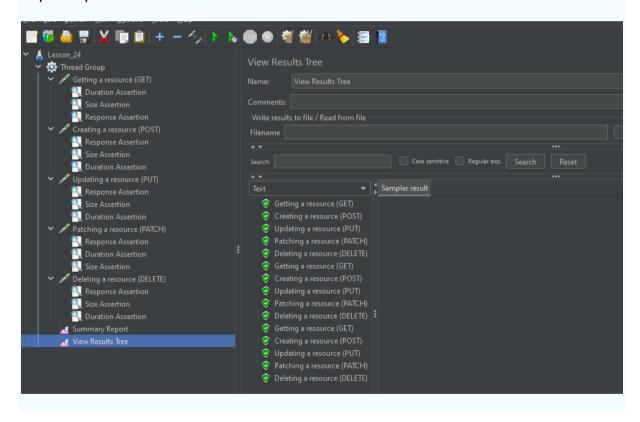


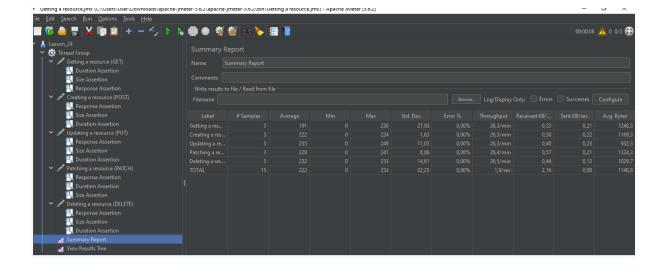
#### Assertions (DELETE)





Всі запити в тест-плані "Lesson\_24" виконуються без помилок с вказаними параметрами.



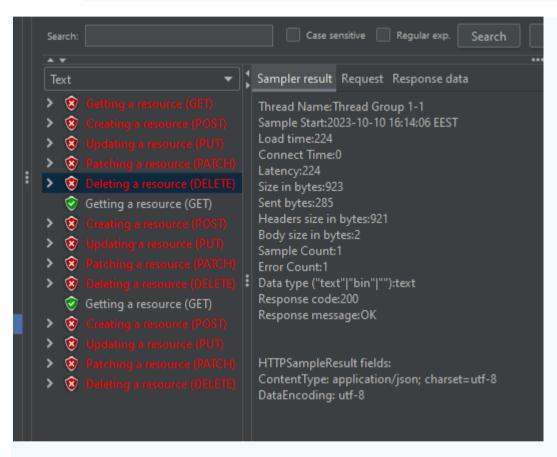


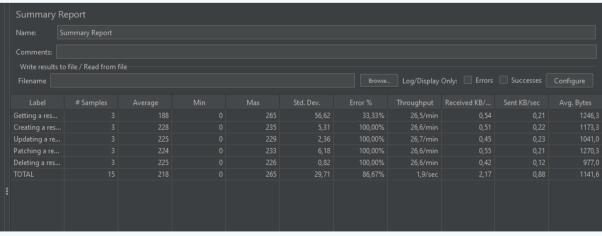
5. Створений тест-план та документ з описом результатів виконання репортерів додай в свій репозиторій в GitHub.

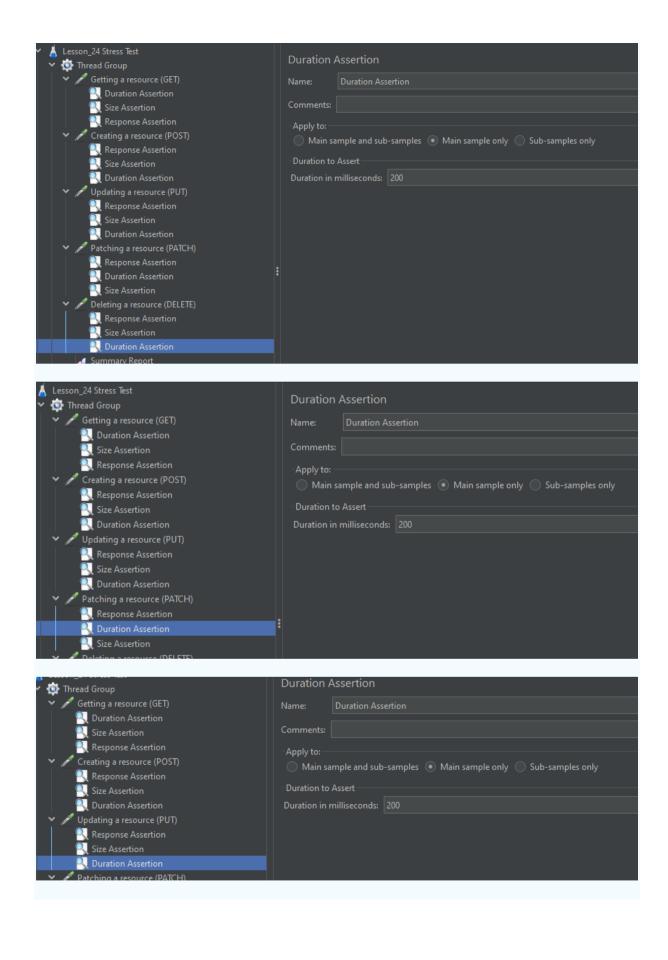
https://github.com/OlenaUkrain/PatOlena1103.git

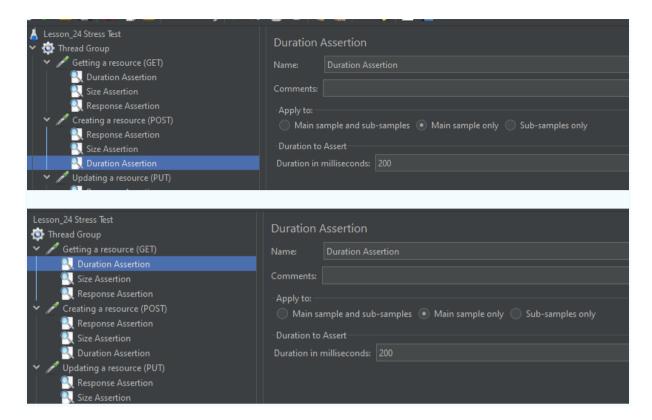
```
MINGW64:/c/Users/User/PatOlena1103
                                                                                             ×
            OP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)
         Getting a resource.jmx
Test plan Lesson_24.doc>
nothing added to commit but untracked files present (use "git add" to track)
Jser@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
$ git add .
warning: in the working copy of 'Getting a resource.jmx', LF will be replaced by CRLF the
next time Git touches it
User@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
$ git commit -m "Add new file"
[main 431f1fc] Add new file
 2 files changed, 392 insertions(+)
 create mode 100644 Getting a resource.jmx
 create mode 100644 Test plan Lesson_24.docx
Jser@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 1.34 MiB | 1.04 MiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100\% (1/1), completed with 1 local object.
To https://github.com/OlenaUkrain/PatOlena1103.git
   73da80f..431f1fc main -> main
 Jser@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
```

- 2. Створи новий тест-план на основі тест-плану з попереднього рівня. В ньому:
  - для кожного із запитів зроби стрес-тест використаного API;
  - потрібно виявити такі мінімальні комбінації параметрів, за яких вебсервіс перестає витримувати навантаження.
    - а) запити не виконуються при зміни часу завантаження;

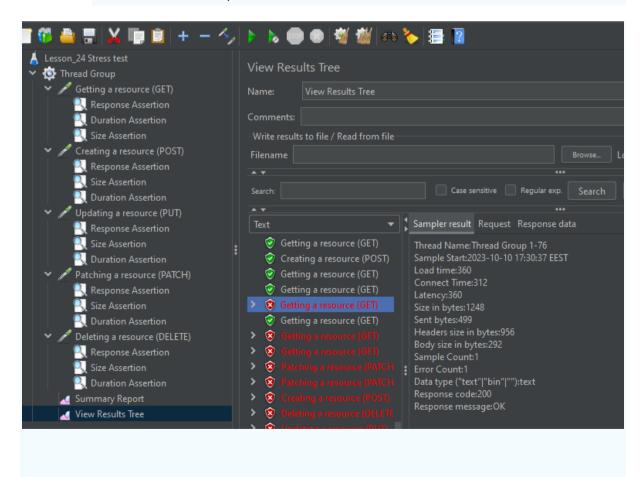








b) при зміні кількості users на 100, вебсервіс не витримав навантаження;



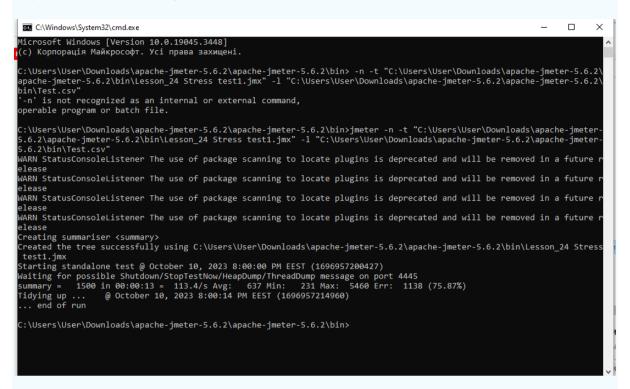
3. Створений тест-план додай у свій репозиторій в GitHub.

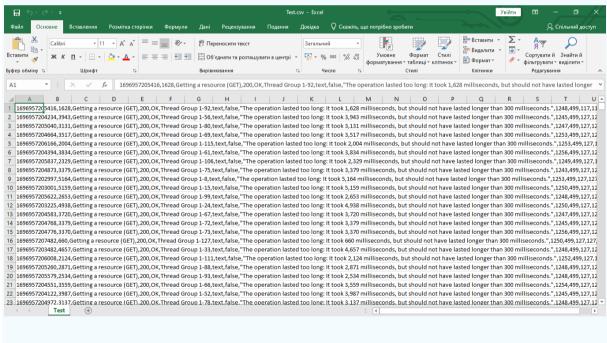
```
MINGW64:/c/Users/User/PatOlena1103
                                                                                                             ×
    73da80f..431f1fc main -> main
User@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)
Lesson_24 Stress test.jmx
nothing added to commit but untracked files present (use "git add" to track)
User@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
$ git add .
warning: in the working copy of 'Lesson_24 Stress test.jmx', LF will be replaced by CRLF t
he next time Git touches it
User@DESKTOP-3HJBK20 MINGW64 ~/Pat0lena1103 (main)
$ git commit -m "Add new file"
[main 7a5a618] Add new file
 1 file changed, 392 insertions(+)
 create mode 100644 Lesson_24 Stress test.jmx
Jser@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 2.44 KiB | 1.22 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/OlenaUkrain/PatOlena1103.git
   431f1fc..7a5a618 main -> main
 Jser@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
```

https://github.com/OlenaUkrain/PatOlena1103.git

4. Створи команду для запуску вказаного тест-плану через Bash CLI. Запусти її та завантаж результати в Summary Report.

# 5. Створи документ зі скриншотом виконання команди в командному рядку та скриншотом Summary Report.





6. Документ додай у відповідний репозиторій в GitHub.

```
MINGW64:/c/Users/User/PatOlena1103
                                                                                  П
                                                                                         X
User@DESKTOP-3HJBK20 MINGW64 ~/Pat0lena1103 (main) $ git status
10n branch main
 Your branch is up to date with 'origin/main'.
Untracked files:
   (use "git add <file>..." to include in what will be committed)
 nothing added to commit but untracked files present (use "git add" to track)
  User@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
 $ git add .
 User@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
$ git commit -m "Add new file"
 [main d9b871c] Add new file
  1 file changed, 1500 insertions(+)
  create mode 100644 Test.csv
  User@DESKTOP-3HJBK20 MINGW64 ~/PatOlena1103 (main)
 $ git push
 Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
 Compressing objects: 100% (3/3), done.
 Writing objects: 100% (3/3), 27.69 KiB | 2.77 MiB/s, done.
 Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
 remote: Resolving deltas: 100% (1/1), completed with 1 local object.
 To https://github.com/OlenaUkrain/PatOlena1103.git
     7a5a618..d9b871c main -> main
  User@DESKTOP-3HJBK20 MINGW64 ~/Pat0lena1103 (main)
```

https://github.com/OlenaUkrain/PatOlena1103.git