

CP-WST Practical Solution Mock Examination 1



This Document is providing a solution to the Qn_1 of <u>CP-WST Mock Exam 1</u>.

```
Qn_1) Use Karate web services test automation tool and validate the following web services request
a.URL - https://regres.in/api/users?page=2
 Request Type – GET
 Response = 200
b.URL - https://regres.in/api/login
 Request Type – Post
 Request Body - "email": "peter@klaven",
 "password": "cityslicka"
 Response – 200
c.URL - https://regres.in/ api/users/3
 Request Type – Put
 Request body - name and job
 Response – 200
d.URL - https://regres.in/ api/users/3
 Request Type – DELETE
 Response – 204
 Validate response with time stamp
```

<u>Soln_1a)</u>

Step 1: Create Prob_1a.feature file in Eclipse and would be something like

```
Probla.feature X
1 Feature: Problem 1a - Get request
20 Scenario: Verify that GET request on below URL returns status code of 200
30 Given url 'https://reqres.in/api/users?page=2'
40 When method get
50 Then status 200
60 And print 'the value of response is: ', response.data
7
```

Step 2: Right click on feature file and Run As -> Cucumber Feature

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Step 3:

The log file is at ./target/surefire-reports/src.main.java.Features.Prob1a.log

🖀 "src.main.java.Features.Probla-1.log 🔢	13 J
217:48:38.723 request:	
31 > GET https://reqres.in/api/users?page=2	20
41 > Accept-Encoding: grip.deflate	
51 > Connection: Keep-Alive	
01 > Host: regres.in	
1 > User-Agent: Apache-HttpClient/4.5.5 (Java/1.8.0_181)	
17:40:41.678 response time in milliseconds: 2926.26	
91 < 209	
01 < Access-Control-Allow-Origin: *	
11 < CF-RAY: 4c441df8ca60ce49-LHR	
21 < Connection: keep-alive	
<pre>31 < Content-Type: application/json; charset-utf-8</pre>	
41 < Date: Mon, 00 Apr 2019 12:06:46 GMT	
<pre>>1 < ETeg: W/~1bb-wM9e63Mbwt3JpLNfwoQexngeC3V~</pre>	
<pre>%1 < Expect-CT: max-age=6848800, report-uri="https://report-uri.cloudflare.com/cdn-cgi/beacon/expect-ct"</pre>	
/1 < Serveri cloudflare	042034232303030334243
li < Set-Cookie:cfduid=d911bbb168640aa7eeca39536a95de5c31554725205; expires=Tue, 07-&pr-20 12:06:45 GMT; path	<pre>i=/; domain=.regres.in;</pre>
1 < Transfer-Encoding: chunked	
©l < X.Powered-By: Express	
<pre>[(*page":2,"per_page":3,"total":12,"total_pages":4,"data":[("id":4,"first_name":"Eve","last_name":"Holt", 2 "avatar":"https://s3.amazonaws.com/uifaces/faces/twitter/marcoramires/128.jpg"},("id":5,"first_name":"Charles",</pre>	*****
<pre>x avatar: https://si.maconaws.com/utraces/races/races/race/race/ormares/ico.jpg), 1d :5, 11st name: Charles , "avatar": https://si.maconaws.com/utraces/races/rater/stephenmon/126.jpg"), "d :6, "first name": Tracey"."</pre>	
<pre>avata(: https://s).amaindams.com/uifaces/faces/twitter/stephermoon/izo.jpg // 10 10, first_name : racey , 1</pre>	ast_name : kanos ,
a avatar / https://ss.amaconaws.com/utaces/races/fulter/bigmancho/iza.jpg /// 5/7/40-41.498 [print] the value of response is: [
e {	
³ "id": 4.	
first name's "Eve".	
"last name": "Holt".	
"avatar": "https://s3.amazonaws.com/uifaces/faces/twitter/marcoramires/128.jpg"	
1),	
3 [*] id": 5,	
4 "first name": "Charles".	
5 "last name": "Morris".	
6 "avatar": "https://s3.amazonaws.com/uifaces/faces/twitter/stephenmoon/128.jpg"	
7	

<u>Step 4</u>: The HTML report file is at ./target/surefire-reports/src.main.java.Features.Prob1a.html Test Report is as follows



Soln_1b)

Step 1: Create Prob_1b.feature file in Eclipse and would be something like

```
Prob1b.feature X

1 Feature: Post request to URL - https://reqres.in/api/login
2 Scenario: Verify that the Post request results in proper status code 200
3 Given url 'https://reqres.in/api/login'
4 And request {email: 'peter@klaven', password : 'cityslicka'}
5 When method post
6 Then status 200
7 And match response.token == '#string'
8 And print 'The Response is = ', response
```

<u>Step 2</u>: Right click on feature file and Run As -> Cucumber Feature

Step 3:

```
The log file is at ./target/surefire-reports/src.main.java.Features.Prob1b.log
12:08:05.184 skipping bootstrap configuration: could not find or read file:
classpath:karate-config.js
12:08:06.326 request:
1 > POST https://reqres.in/api/login
1 > Accept-Encoding: <u>gzip</u>,<u>deflate</u>
1 > Connection: Keep-Alive
1 > Content-Length: 48
1 > Content-Type: application/json; charset=UTF-8
1 > Host: regres.in
1 > User-Agent: Apache-HttpClient/4.5.5 (Java/1.8.0_181)
{"email":"peter@klaven","password":"cityslicka"}
12:08:10.013 response time in milliseconds: 3683.91
1 < 200
1 < Access-Control-Allow-Origin: *
1 < CF-RAY: 4c4a74369aad6b85-LHR
1 < Connection: keep-alive
1 < Content-Length: 28
1 < Content-Type: application/json; charset=utf-8
1 < Date: Tue, 09 Apr 2019 06:34:13 GMT
1 < ETag: W/"1c-Qhb23J5gzWLVsuoGOIKOSkfy7a0"
1 < Expect-CT: max-age=604800, report-uri="https://report-uri.cloudflare.com/cdn-
cgi/beacon/expect-ct"
```

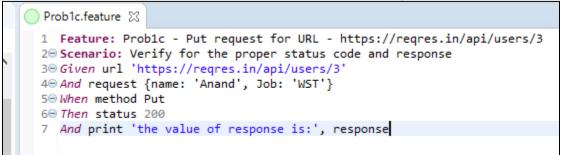
```
1 < Server: cloudflare
1 < Set-Cookie: __cfduid=dca5cb1e209032c62d147fef45855286c1554791652; expires=Wed,
08-Apr-20 06:34:12 GMT; path=/; domain=.reqres.in; HttpOnly
1 < X-Powered-By: Express
{"token":"QpwL5tke4Pnpja7X"}
12:08:10.038 [print] The Response is = {
    "token": "QpwL5tke4Pnpja7X"
}</pre>
```

Step 4: The HTML report file is at
./target/surefire-reports/src.main.java.Features.Prob1b.html
Test Report is as follows

	Scenario [12] Verify that the Post request results in proper status code 200	
- 1-1	Tast 1 i Given wi https:/regres.in/apiliogin*	0.003818
T	15:50:13 606 skipping bootstrap configuration: could set find on read file: ileospith.marete.config.ja	
	Test 7 Ant request (errol 'peter()klaver, ganaverd 'stylicka')	0.056300
	Test 3 : When method post	3.667882
t Suite Navigation	<pre>15:34:34.94 sequent: 1 > PONT strand/indexes.loved/logbe 1 > Pontstranding_sclaubellate 1 = Convections_Neep=42:00 1 = Convections_Neep=42:00</pre>	
Select texts: 046 PSJ	<pre>1 Correct_Segur: 40 1 Correct_Segur: 40 1 Correct_Seguration(jam; charact=177-8 1 Sourt_represion 1 Sourt_represion 1 Sourt_represion() ('modif'('arter=pR)Accer*,'personn''('Clivel)(ck*')</pre>	
l akipped leater (146 1976)	15:30:20:20 A removing time in williesconds: 2009.04 1 < 2000 1 < Abirese-Control-Allow-Origin: * 1 < Charlese-Control-Allow-Origin: * 1 = Control-May Networks/Int 1 = Control-May 11:00 1 = Control-Ma	
	1 < Bigg: with:-QubitSgrim/scolutions/staff_taff 1 < Expect-CT: num-equ-04000, report-is/1-"https://wpart-is/1.sloutFlare.com/rdv-cgl/immcouverpect-ct"	
perced write: ER. 03%)	1 - Server: cloud-lare	10 m / A. 10 M (10 M (20 A)
2 3 4 5 6	1 * Set Cande:fealphoint642;*1281a0090000000000000000000000000000000000	aberrares in HttpHs
	Test 4. Ther status 200	6.055010
	Test 5 And mutch response token == Tabling	8.957548
	Text 6 : And print The Response is * 1 response	0.007441
	15:39(18):463 [print] The Response is = ("toten" ("Qoul3ties#hogiaTK"	

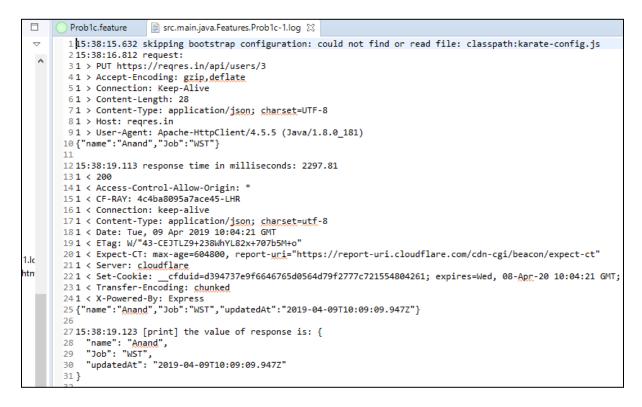
Soln_1c)

Step 1: Create Prob_1c.feature file in Eclipse and would be something like



<u>Step 2</u>: Right click on feature file and Run As -> Cucumber Feature

Step 3:
The log file is at ./target/surefire-reports/src.main.java.Features.Prob1c.log



<u>Step 4</u>: The HTML report file is at ./target/surefire-reports/src.main.java.Features.Prob1b.html Test Report is as follows

	Scenario. [1.2]Wertly for the proper status code and response	an and the second second
×	Test 1 : Olven ail 'https://regres.in/api/users/3'	0.004548
	10.36.11.011 selpping monstrap configuration: could not find in new file: classpath.constd-config.js	
	Test 2: And respect (same Anard, Job. WST)	0.0644577
	Test 3 : When resthed Put	3.309428
Test Suite Navigation	15-34:35.41 (J. Still result) 1 = FUT thys i/Propert.invasi/users/3 1 = Accest-Forcing: grip, wfilms 1 = Convertion: Keep -Cline	
f af failed huts: 95 8.02%)	 Contern-Ledgen 18. Contern-Type: application/joorg.contect=107-8. Monty remove in Contern-Sin Contern-Append: Applicate-HttplLibert/4.5.5 (Java/1.6.8_101) (Transf : Append: "Source") "BDT") 	
F al slipped tests: 04 0.00%)	<pre>Uvid=10.412 response time is #Ellipscands: ED#2.01 1 = 20# 1 = 20# 1 = 20# 1 = 20# 1 = 20# vid=20# vid=0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0</pre>	
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	1 & X-Roamed-By: Express ("sawe": "Avent", ") ob 1, "(61", "woodledge": "2019-64-691(0)(0+68, 947("))	
	Text 4 . Then she in 200	0.000019
	Test 5 : And print the value of response lef, response	0.009234
	15.36.19.123 [print] The value of response lat ("Same": "Anade", "Same": "Anade", "Same": ABCT, "Same": Same and Sa Same and Same	

Soln_1d)

Step 1: Create Prob_1d.feature file in Eclipse and would be something like

💿 Prob1d.feature 🔀 1 Feature: 1d - Delete Request for URL - https://regres.in/ api/users/3 20 Scenario: Verify that the appropriate response is 204 30 Given url 'https://reqres.in/api/users/3' 4⊖ When method Delete 5⊖ Then status 204 6⊖ And match response.token == '#string' 7 And print 'The Response is \$\$ ', response

Step 3: The log file is at ./target/surefire-reports/src.main.java.Features.Prob1d.log

📀 Prob1d.feature 📄 *src.main.java.Features.Prob1d-1.log 🐹 🍛 src.main.java.Features.Prob1d
<pre>115:46:48.248 skipping bootstrap configuration: could not find or read file: classpath:karate-config.js 215:46:49.382 request: 31 > DELETE https://reqres.in/api/users/3 41 > Accept-Encoding: gzip.deflate 51 > Connection: Keep-Alive</pre>
61 > Host: regres.in
71 > User-Agent: Apache-HttpClient/4.5.5 (Java/1.8.0_181)
9 15:46:53.078 response time in milliseconds: 3694.59
101 < 204
11 1 < Access-Control-Allow-Origin: *
121 < CF-RAY: 4c4bb494ed6ece55-LHR
131 < Connection: keep-alive
141 < Date: Tue, 09 Apr 2019 10:12:55 GMT
151 < ETag: W/"2-vyGp6PvFo4RvsFtPoIWeCReyIC8"
161 < Expect-CT: max-age=604800, report-uri="https://report-uri.cloudflare.com/cdn-cgi/beacon/expect-ct"
171 < Server: cloudflare
<pre>181 < Set-Cookie:cfduid=d9e9fec9cbc655723cd7b9ca4a09bf8661554804775;</pre>
19 expires=Wed, 08-Apr-20 10:12:55 GMT; path=/; domain=.reqres.in; HttpOnly
201 < X-Powered-By: Express
21
2215:46:53.092 [print] The Response is \$\$
23

Step 4: The HTML report file is at ./target/surefire-reports/src.main.java.Features.Prob1d.html

Test Report is as follows

	Tast 1 : Given wit https://regres.iwapi/users.3	0.004388
	35:46:48.348 skipping bodytrap configuration: could not find on read file: classpathisente-config.3a	Have bolies
	Test 2 / When method Delete	4.805503
t Suite Navigation	19/40/47.507 cmmunit/ 0 ODLET extract//reserve.in/cepi/spurp./2 0 Accept.Extractiong.getcs.metTama 1 Conceptions.come.atlow 1 Modi: magnet_ide: Accel.ettpl:light/w.5.5 (laws/1.8.4_205) 1 Modi: magnet.ide	
Rod tests: 0/5 Li	19/40/33.01% response time in milliseconds: Nem4.10 1 - 204 1 = Arcos-Cantesi-43iou-Grigin: + 2 = CF-ARM.Arcbaddeaddeadds-LFM 3 = Connection: Acad = allow	
okipped texts: 0.%	<pre>1 = Other Tea, 60 dpr -200 hulling Off 1 = Uther Tea, 00 dpr -200 hulling Off 1 = Expect (1) = monage-BMRSM, report-unit="https://report.ori.clmaffire.com/doi-cgi/descovespect-ct" 1 = Spect (1) = monage-BMRSM, report-unit="https://report.ori.clmaffire.com/doi-cgi/descovespect-ct" 1 = Spect (1) = Teals - descove - compared and the spectra - compared and the spectra - compared off spectra - compared - compared off spectra - compared - compared off spectra - compared off spec</pre>	
	Text 3 They status 204	0.000022
assed toxts: 5/5	Text 4 And metals response token == Rating	0.005441
3%)	Test 5 : And print The Response is \$3 's response	0.006553
2 3 4 5	10(40(33,48) [print] The Response is \$5	