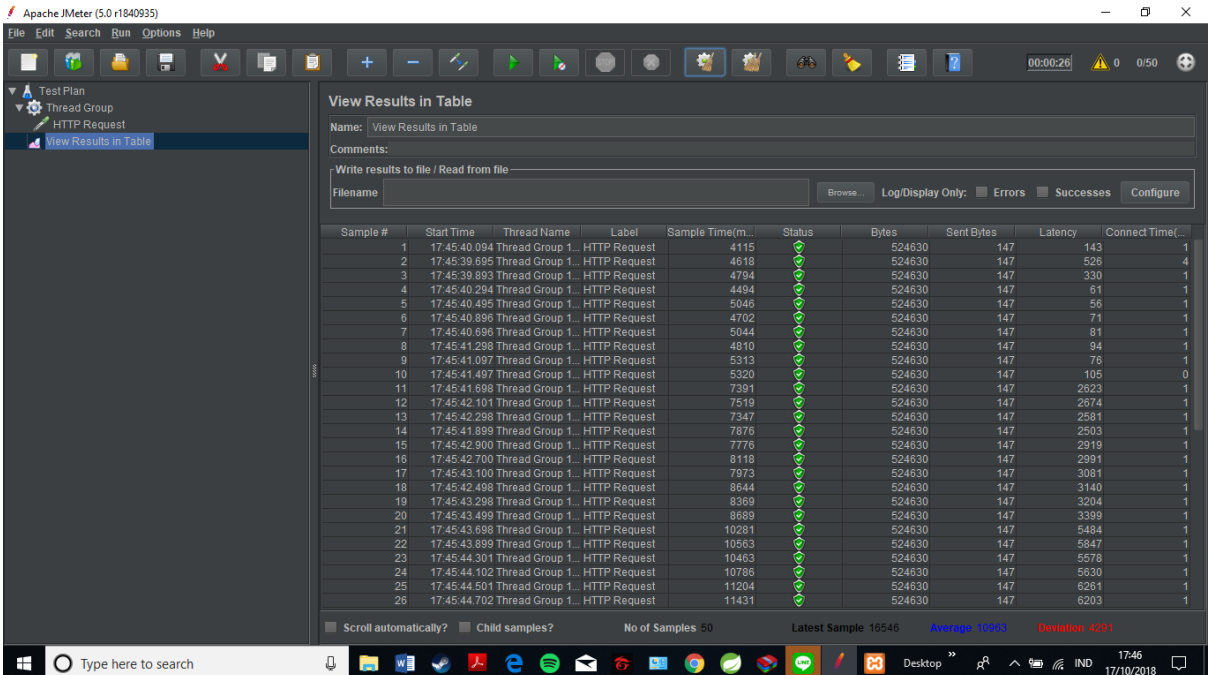


Jawaban Latihan

1. Object PilotModel perlu diinisiasi karena pada Object FlightModel terdapat atribut FlightModel yang perlu diisi sehingga dapat ditrace bahwa suatu Flight dilakukan oleh suatu Pilot.
2. Error pada saat create suatu FlightModel karena PilotModel diharapkan untuk Not Null.
3. Method tersebut akan mengembalikan object Flight ketika pencarian Flight dengan Flight Number tersebut ada.
4. Method tersebut akan mengembalikan object Flight ketika pencarian Flight dengan menggunakan method dari "flightService" dengan parameter Flight Number tersebut ada.
5. Method tersebut melakukan test status response isOk atau tidak.
6. Method tersebut melakukan test dengan mencocokkan data Flight Number yang dihasilkan dari akses ke response body dengan *JsonPath* expression dengan data Flight Number yang dihasilkan dari hasil getFlightNumber dari object Flight tersebut.
7. Anotasi `@ResponseBody` memberitahu controller object yang dikembalikan dan diubah secara otomatis menjadi tipe data JSON. Dalam hal ini data yang diubah adalah object Flight tersebut.

Hasil Load Testing

1. The screenshot shows the Apache JMeter 5.0.1 interface with the 'View Results in Table' window open. The table displays 26 samples of HTTP requests. The columns include Sample #, Start Time, Thread Name, Label, Sample Time (m), Status, Bytes, Sent Bytes, Latency, and Connect Time. All samples show a status of 'Success' (green checkmark) and a latency of 147 ms. The table is sorted by Sample Time in ascending order.

Sample #	Start Time	Thread Name	Label	Sample Time(m)	Status	Bytes	Sent Bytes	Latency	Connect Time
1	17:45:40.094	Thread Group 1...	HTTP Request	4115	Success	524630	147	143	1
2	17:45:39.695	Thread Group 1...	HTTP Request	4618	Success	524630	147	526	4
3	17:45:39.893	Thread Group 1...	HTTP Request	4794	Success	524630	147	330	1
4	17:45:40.294	Thread Group 1...	HTTP Request	4494	Success	524630	147	61	1
5	17:45:40.495	Thread Group 1...	HTTP Request	5046	Success	524630	147	56	1
6	17:45:40.696	Thread Group 1...	HTTP Request	4702	Success	524630	147	71	1
7	17:45:40.696	Thread Group 1...	HTTP Request	5044	Success	524630	147	81	1
8	17:45:41.298	Thread Group 1...	HTTP Request	4810	Success	524630	147	94	1
9	17:45:41.097	Thread Group 1...	HTTP Request	5313	Success	524630	147	76	1
10	17:45:41.497	Thread Group 1...	HTTP Request	5320	Success	524630	147	105	0
11	17:45:41.698	Thread Group 1...	HTTP Request	7391	Success	524630	147	2623	1
12	17:45:42.101	Thread Group 1...	HTTP Request	7519	Success	524630	147	2674	1
13	17:45:42.298	Thread Group 1...	HTTP Request	7347	Success	524630	147	2581	1
14	17:45:41.899	Thread Group 1...	HTTP Request	7876	Success	524630	147	2503	1
15	17:45:42.800	Thread Group 1...	HTTP Request	7776	Success	524630	147	2919	1
16	17:45:42.700	Thread Group 1...	HTTP Request	8118	Success	524630	147	2991	1
17	17:45:43.100	Thread Group 1...	HTTP Request	7973	Success	524630	147	3081	1
18	17:45:42.498	Thread Group 1...	HTTP Request	8644	Success	524630	147	3140	1
19	17:45:43.298	Thread Group 1...	HTTP Request	8369	Success	524630	147	3204	1
20	17:45:43.499	Thread Group 1...	HTTP Request	8689	Success	524630	147	3399	1
21	17:45:43.698	Thread Group 1...	HTTP Request	10281	Success	524630	147	5484	1
22	17:45:43.899	Thread Group 1...	HTTP Request	10563	Success	524630	147	5847	1
23	17:45:44.301	Thread Group 1...	HTTP Request	10463	Success	524630	147	5578	1
24	17:45:44.102	Thread Group 1...	HTTP Request	10796	Success	524630	147	5630	1
25	17:45:44.501	Thread Group 1...	HTTP Request	11204	Success	524630	147	6261	1
26	17:45:44.702	Thread Group 1...	HTTP Request	11431	Success	524630	147	6203	1

Summary statistics at the bottom of the table:

- Scroll automatically? ☐ Child samples? ☐
- No of Samples: 50
- Latest Sample: 16546
- Average: 10483
- Deviation: 4291

2.

Apache JMeter (5.0 r1840935)

File Edit Search Run Options Help

Test Plan
Thread Group
HTTP Request
View Results in Table

View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

Filename Browse...

Log/Display Only: ☐ Errors ☐ Successes ☐ Configure

Sample #	Start Time	Thread Name	Label	Sample Time(m...	Status	Bytes	Sent Bytes	Latency	Connect Time(...
25	17:45:44.501	Thread Group 1...	HTTP Request	11204	✓	524630	147	6261	1
26	17:45:44.702	Thread Group 1...	HTTP Request	11431	✓	524630	147	6203	1
27	17:45:44.903	Thread Group 1...	HTTP Request	11415	✓	524630	147	6278	1
28	17:45:45.102	Thread Group 1...	HTTP Request	11353	✓	524630	147	6146	2
29	17:45:45.302	Thread Group 1...	HTTP Request	11306	✓	524630	147	6464	1
30	17:45:45.507	Thread Group 1...	HTTP Request	11573	✓	524630	147	6768	2
31	17:45:45.702	Thread Group 1...	HTTP Request	13228	✓	524630	147	8360	1
32	17:45:46.102	Thread Group 1...	HTTP Request	13457	✓	524630	147	8755	1
33	17:45:45.903	Thread Group 1...	HTTP Request	13900	✓	524630	147	8690	1
34	17:45:46.306	Thread Group 1...	HTTP Request	13759	✓	524630	147	8672	1
35	17:45:46.606	Thread Group 1...	HTTP Request	14489	✓	524630	147	9327	1
36	17:45:47.304	Thread Group 1...	HTTP Request	14190	✓	524630	147	9376	1
37	17:45:46.702	Thread Group 1...	HTTP Request	14877	✓	524630	147	9522	0
38	17:45:46.904	Thread Group 1...	HTTP Request	14717	✓	524630	147	9505	1
39	17:45:47.506	Thread Group 1...	HTTP Request	14300	✓	524630	147	9686	1
40	17:45:47.102	Thread Group 1...	HTTP Request	14727	✓	524630	147	9452	1
41	17:45:47.702	Thread Group 1...	HTTP Request	16547	✓	524630	147	11311	1
42	17:45:48.104	Thread Group 1...	HTTP Request	16554	✓	524630	147	11776	1
43	17:45:48.305	Thread Group 1...	HTTP Request	16496	✓	524630	147	11844	0
44	17:45:47.908	Thread Group 1...	HTTP Request	16973	✓	524630	147	11746	1
45	17:45:48.504	Thread Group 1...	HTTP Request	17284	✓	524630	147	12581	1
46	17:45:48.905	Thread Group 1...	HTTP Request	17021	✓	524630	147	12771	1
47	17:45:49.107	Thread Group 1...	HTTP Request	16831	✓	524630	147	12613	0
48	17:45:48.705	Thread Group 1...	HTTP Request	17240	✓	524630	147	12880	1
49	17:45:49.306	Thread Group 1...	HTTP Request	16721	✓	524630	147	12591	1
50	17:45:49.507	Thread Group 1...	HTTP Request	16546	✓	524630	147	12418	1

☐ Scroll automatically? ☐ Child samples? No of Samples 50 Latest Sample 16546 Average 10955 Deviation 4291

Type here to search

Desktop 17:47 17/10/2018