

Latihan Unit Testing

1. Unit testing pada function selectAllStudents()

Bagian ini membuat sebuah instance studentModel yang berupa ArrayList yang berisi instance StudentModel

// Given

```
List<StudentModel> studentModels = new ArrayList<>();  
StudentModel studentModel = new StudentModel("1506737823", "Chanek", 3.5);  
studentModels.add(studentModel);
```

Membuat mock dimana ketika function selectAllStudents() dipanggil maka akan menghasilkan nilai yang ada di instance studentModels

```
BDDMockito.given(studentMapper.selectAllStudents()).willReturn(studentModels);
```

Membuat instance test yang berisi nilai dari pemanggilan function selectAllStudents()

// When

```
List<StudentModel> test = studentService.selectAllStudents();
```

Mengecek jika nilai test bukanlah null

```
assertThat(test, notNullValue()); // Check if Not Null
```

Mengecek jika test tidak kosong

```
assertThat(test.isEmpty(), equalTo(false)); // Check kalo ngga kosong
```

Mengecek isi dari size adalah 1

```
assertThat(test.size(), equalTo(1)); // Check if Size same
```

Mengecek nilai dari test sama dengan nilai studentModels

```
assertThat(test, equalTo(studentModels)); // Check kalo konten sama
```

2. Unit testing pada function addStudent()

Membuat instance studentModel dan membuat mock dimana ketika function addStudent() dipanggil maka akan menghasilkan nilai true

// Given

```
StudentModel studentModel = new StudentModel("1506737823", "Chanek", 3.5);  
BDDMockito.given(studentService.addStudent(studentModel)).willReturn(true);
```

Membuat instance test yang berisi nilai dari pemanggilan function addStudent()

// When

```
boolean test = studentService.addStudent(studentModel);
```

Membuat mock yang menjalankan function addStudent() yang parameternya berisi nilai dari instance studentModel dan kemudian melakukan perbandingan nilai test dengan true

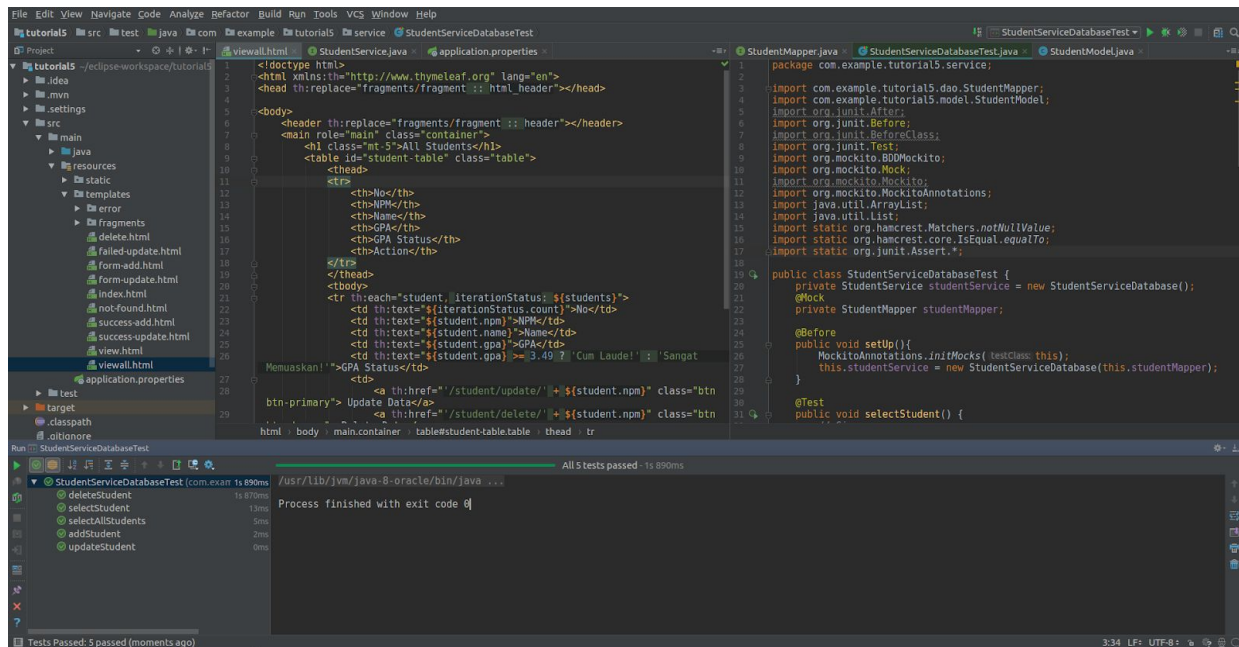
// Then

```
BDDMockito.then(studentMapper).should().addStudent(studentModel);  
assertThat(test, equalTo(true)); // Check if Same
```

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3. Screenshot dari keseluruhan eksekusi unit testing termasuk function updateStudent() dan deleteStudent()



Latihan Load Testing

Screenshot hasil JMeter fitur soal latihan Load Testing nomor 1 sebelum dioptimasi

- `jmeter_selectAllStudents()` : Average = 83

Sample #	Start Time	Thread Name	Label	Sample Time (ms)	Status	Bytes	Sent Bytes	Latency	Connect Time (ms)
1	22:02:11.844	Thread Group 1-1	HTTP Request	83	Success	2269492	133	22	0
2	22:02:11.844	Thread Group 1-2	HTTP Request	75	Success	2269492	133	16	1
3	22:02:12.044	Thread Group 1-3	HTTP Request	81	Success	2269492	133	17	1
4	22:02:12.145	Thread Group 1-4	HTTP Request	72	Success	2269492	133	16	0
5	22:02:12.245	Thread Group 1-5	HTTP Request	72	Success	2269492	133	15	0
6	22:02:12.345	Thread Group 1-6	HTTP Request	102	Success	2269492	133	42	1
7	22:02:12.445	Thread Group 1-7	HTTP Request	74	Success	2269492	133	16	0
8	22:02:12.545	Thread Group 1-8	HTTP Request	80	Success	2269492	133	31	1
9	22:02:12.645	Thread Group 1-9	HTTP Request	72	Success	2269492	133	16	0
10	22:02:12.746	Thread Group 1-10	HTTP Request	72	Success	2269492	133	15	0
11	22:02:12.846	Thread Group 1-11	HTTP Request	120	Success	2269492	133	51	1
12	22:02:12.946	Thread Group 1-12	HTTP Request	83	Success	2269492	133	22	1
13	22:02:13.047	Thread Group 1-13	HTTP Request	73	Success	2269492	133	14	0
14	22:02:13.147	Thread Group 1-14	HTTP Request	82	Success	2269492	133	25	1
15	22:02:13.247	Thread Group 1-15	HTTP Request	92	Success	2269492	133	35	1
16	22:02:13.347	Thread Group 1-16	HTTP Request	72	Success	2269492	133	16	0
17	22:02:13.447	Thread Group 1-17	HTTP Request	72	Success	2269492	133	16	0
18	22:02:13.548	Thread Group 1-18	HTTP Request	98	Success	2269492	133	36	0
19	22:02:13.653	Thread Group 1-19	HTTP Request	72	Success	2269492	133	16	1
20	22:02:13.750	Thread Group 1-20	HTTP Request	74	Success	2269492	133	16	1
21	22:02:13.852	Thread Group 1-21	HTTP Request	77	Success	2269492	133	15	0
22	22:02:13.952	Thread Group 1-22	HTTP Request	78	Success	2269492	133	19	0
23	22:02:14.052	Thread Group 1-23	HTTP Request	72	Success	2269492	133	15	0
24	22:02:14.152	Thread Group 1-24	HTTP Request	74	Success	2269492	133	16	0
25	22:02:14.253	Thread Group 1-25	HTTP Request	76	Success	2269492	133	16	0
26	22:02:14.355	Thread Group 1-26	HTTP Request	108	Success	2269492	133	42	1
27	22:02:14.455	Thread Group 1-27	HTTP Request	73	Success	2269492	133	16	0
28	22:02:14.554	Thread Group 1-28	HTTP Request	71	Success	2269492	133	15	0
29	22:02:14.657	Thread Group 1-29	HTTP Request	79	Success	2269492	133	16	0
30	22:02:14.758	Thread Group 1-30	HTTP Request	99	Success	2269492	133	38	1
31	22:02:14.858	Thread Group 1-31	HTTP Request	76	Success	2269492	133	17	0
32	22:02:14.958	Thread Group 1-32	HTTP Request	72	Success	2269492	133	16	0
33	22:02:15.058	Thread Group 1-33	HTTP Request	93	Success	2269492	133	26	1
34	22:02:15.158	Thread Group 1-34	HTTP Request	74	Success	2269492	133	16	0
35	22:02:15.259	Thread Group 1-35	HTTP Request	95	Success	2269492	133	23	1
36	22:02:15.359	Thread Group 1-36	HTTP Request	73	Success	2269492	133	15	0
37	22:02:15.463	Thread Group 1-37	HTTP Request	73	Success	2269492	133	14	0
38	22:02:15.564	Thread Group 1-38	HTTP Request	76	Success	2269492	133	17	0
39	22:02:15.664	Thread Group 1-39	HTTP Request	76	Success	2269492	133	16	0
40	22:02:15.765	Thread Group 1-40	HTTP Request	91	Success	2269492	133	33	1
41	22:02:15.864	Thread Group 1-41	HTTP Request	74	Success	2269492	133	16	0
42	22:02:15.965	Thread Group 1-42	HTTP Request	74	Success	2269492	133	17	0
43	22:02:16.065	Thread Group 1-43	HTTP Request	99	Success	2269492	133	39	2
44	22:02:16.170	Thread Group 1-44	HTTP Request	77	Success	2269492	133	17	1
45	22:02:16.270	Thread Group 1-45	HTTP Request	74	Success	2269492	133	17	1

- jmeter_selectStudentBerhasil() : Average = 11

The screenshot shows the Apache JMeter results table for a test plan named 'jmeter_selectStudentBerhasil()'. The table displays 45 samples, all of which are successful HTTP requests. The average response time is 11 ms, with a deviation of 2 ms. The table columns include Sample #, Start Time, Thread Name, Label, Sample Time (ms), Status, Bytes, Sent Bytes, Latency, and Connect Time (ms). The status for all samples is 'Success'.

Sample #	Start Time	Thread Name	Label	Sample Time (ms)	Status	Bytes	Sent Bytes	Latency	Connect Time (ms)
1	22:03:45.997	Thread Group 1-1	HTTP Request	8	Success	2853	141	8	2
2	22:03:46.088	Thread Group 1-2	HTTP Request	10	Success	2853	141	10	1
3	22:03:46.138	Thread Group 1-3	HTTP Request	17	Success	2853	141	17	1
4	22:03:46.289	Thread Group 1-4	HTTP Request	11	Success	2853	141	11	0
5	22:03:46.388	Thread Group 1-5	HTTP Request	11	Success	2853	141	11	1
6	22:03:46.488	Thread Group 1-6	HTTP Request	4	Success	2853	141	4	0
7	22:03:46.588	Thread Group 1-7	HTTP Request	9	Success	2853	141	8	0
8	22:03:46.688	Thread Group 1-8	HTTP Request	11	Success	2853	141	11	1
9	22:03:46.789	Thread Group 1-9	HTTP Request	11	Success	2853	141	11	1
10	22:03:46.888	Thread Group 1-10	HTTP Request	11	Success	2853	141	11	1
11	22:03:46.988	Thread Group 1-11	HTTP Request	14	Success	2853	141	14	2
12	22:03:47.089	Thread Group 1-12	HTTP Request	10	Success	2853	141	10	1
13	22:03:47.189	Thread Group 1-13	HTTP Request	12	Success	2853	141	12	1
14	22:03:47.293	Thread Group 1-14	HTTP Request	14	Success	2853	141	14	1
15	22:03:47.393	Thread Group 1-15	HTTP Request	13	Success	2853	141	13	1
16	22:03:47.489	Thread Group 1-16	HTTP Request	11	Success	2853	141	11	1
17	22:03:47.593	Thread Group 1-17	HTTP Request	10	Success	2853	141	10	1
18	22:03:47.699	Thread Group 1-18	HTTP Request	11	Success	2853	141	11	1
19	22:03:47.793	Thread Group 1-19	HTTP Request	13	Success	2853	141	12	1
20	22:03:47.889	Thread Group 1-20	HTTP Request	6	Success	2853	141	6	1
21	22:03:47.992	Thread Group 1-21	HTTP Request	9	Success	2853	141	9	1
22	22:03:48.094	Thread Group 1-22	HTTP Request	12	Success	2853	141	12	1
23	22:03:48.194	Thread Group 1-23	HTTP Request	12	Success	2853	141	11	1
24	22:03:48.294	Thread Group 1-24	HTTP Request	14	Success	2853	141	13	1
25	22:03:48.394	Thread Group 1-25	HTTP Request	12	Success	2853	141	12	1
26	22:03:48.494	Thread Group 1-26	HTTP Request	11	Success	2853	141	11	1
27	22:03:48.594	Thread Group 1-27	HTTP Request	11	Success	2853	141	11	1
28	22:03:48.696	Thread Group 1-28	HTTP Request	12	Success	2853	141	12	1
29	22:03:48.794	Thread Group 1-29	HTTP Request	10	Success	2853	141	10	0
30	22:03:48.894	Thread Group 1-30	HTTP Request	15	Success	2853	141	15	1
31	22:03:48.993	Thread Group 1-31	HTTP Request	11	Success	2853	141	11	1
32	22:03:49.094	Thread Group 1-32	HTTP Request	12	Success	2853	141	12	1
33	22:03:49.194	Thread Group 1-33	HTTP Request	12	Success	2853	141	12	1
34	22:03:49.295	Thread Group 1-34	HTTP Request	11	Success	2853	141	11	1
35	22:03:49.394	Thread Group 1-35	HTTP Request	12	Success	2853	141	12	1
36	22:03:49.495	Thread Group 1-36	HTTP Request	13	Success	2853	141	13	2
37	22:03:49.596	Thread Group 1-37	HTTP Request	10	Success	2853	141	10	1
38	22:03:49.697	Thread Group 1-38	HTTP Request	13	Success	2853	141	13	1
39	22:03:49.796	Thread Group 1-39	HTTP Request	11	Success	2853	141	11	1
40	22:03:49.896	Thread Group 1-40	HTTP Request	13	Success	2853	141	12	1
41	22:03:49.997	Thread Group 1-41	HTTP Request	13	Success	2853	141	13	1
42	22:03:50.097	Thread Group 1-42	HTTP Request	13	Success	2853	141	13	2
43	22:03:50.197	Thread Group 1-43	HTTP Request	13	Success	2853	141	13	1
44	22:03:50.298	Thread Group 1-44	HTTP Request	10	Success	2853	141	10	1
45	22:03:50.398	Thread Group 1-45	HTTP Request	11	Success	2853	141	11	1

- jmeter_selectStudentGagal() : Average = 9

The screenshot shows the Apache JMeter results table for a test plan named 'jmeter_selectStudentGagal()'. The table displays 45 samples, all of which are successful HTTP requests. The average response time is 9 ms, with a deviation of 1 ms. The table columns include Sample #, Start Time, Thread Name, Label, Sample Time (ms), Status, Bytes, Sent Bytes, Latency, and Connect Time (ms). The status for all samples is 'Success'.

Sample #	Start Time	Thread Name	Label	Sample Time (ms)	Status	Bytes	Sent Bytes	Latency	Connect Time (ms)
1	22:04:18.770	Thread Group 1-1	HTTP Request	16	Success	2813	144	16	1
2	22:04:18.871	Thread Group 1-2	HTTP Request	8	Success	2813	144	8	1
3	22:04:18.971	Thread Group 1-3	HTTP Request	8	Success	2813	144	8	1
4	22:04:19.071	Thread Group 1-4	HTTP Request	9	Success	2813	144	8	1
5	22:04:19.171	Thread Group 1-5	HTTP Request	9	Success	2813	144	9	1
6	22:04:19.270	Thread Group 1-6	HTTP Request	10	Success	2813	144	10	1
7	22:04:19.371	Thread Group 1-7	HTTP Request	11	Success	2813	144	11	1
8	22:04:19.474	Thread Group 1-8	HTTP Request	11	Success	2813	144	11	1
9	22:04:19.574	Thread Group 1-9	HTTP Request	9	Success	2813	144	9	1
10	22:04:19.674	Thread Group 1-10	HTTP Request	11	Success	2813	144	11	1
11	22:04:19.775	Thread Group 1-11	HTTP Request	12	Success	2813	144	11	1
12	22:04:19.876	Thread Group 1-12	HTTP Request	10	Success	2813	144	10	1
13	22:04:19.975	Thread Group 1-13	HTTP Request	9	Success	2813	144	9	1
14	22:04:20.075	Thread Group 1-14	HTTP Request	8	Success	2813	144	8	1
15	22:04:20.174	Thread Group 1-15	HTTP Request	10	Success	2813	144	10	1
16	22:04:20.275	Thread Group 1-16	HTTP Request	11	Success	2813	144	11	1
17	22:04:20.375	Thread Group 1-17	HTTP Request	9	Success	2813	144	8	1
18	22:04:20.475	Thread Group 1-18	HTTP Request	10	Success	2813	144	9	1
19	22:04:20.576	Thread Group 1-19	HTTP Request	9	Success	2813	144	9	1
20	22:04:20.676	Thread Group 1-20	HTTP Request	9	Success	2813	144	9	1
21	22:04:20.776	Thread Group 1-21	HTTP Request	11	Success	2813	144	11	1
22	22:04:20.876	Thread Group 1-22	HTTP Request	8	Success	2813	144	8	1
23	22:04:20.976	Thread Group 1-23	HTTP Request	9	Success	2813	144	8	1
24	22:04:21.075	Thread Group 1-24	HTTP Request	8	Success	2813	144	8	1
25	22:04:21.175	Thread Group 1-25	HTTP Request	10	Success	2813	144	10	1
26	22:04:21.275	Thread Group 1-26	HTTP Request	10	Success	2813	144	10	1
27	22:04:21.375	Thread Group 1-27	HTTP Request	9	Success	2813	144	9	1
28	22:04:21.477	Thread Group 1-28	HTTP Request	11	Success	2813	144	11	1
29	22:04:21.577	Thread Group 1-29	HTTP Request	8	Success	2813	144	8	1
30	22:04:21.678	Thread Group 1-30	HTTP Request	9	Success	2813	144	9	0
31	22:04:21.777	Thread Group 1-31	HTTP Request	13	Success	2813	144	12	1
32	22:04:21.876	Thread Group 1-32	HTTP Request	9	Success	2813	144	9	1
33	22:04:21.976	Thread Group 1-33	HTTP Request	9	Success	2813	144	9	1
34	22:04:22.076	Thread Group 1-34	HTTP Request	8	Success	2813	144	8	1
35	22:04:22.177	Thread Group 1-35	HTTP Request	10	Success	2813	144	10	1
36	22:04:22.277	Thread Group 1-36	HTTP Request	11	Success	2813	144	11	1
37	22:04:22.377	Thread Group 1-37	HTTP Request	9	Success	2813	144	9	1
38	22:04:22.478	Thread Group 1-38	HTTP Request	9	Success	2813	144	9	0
39	22:04:22.577	Thread Group 1-39	HTTP Request	5	Success	2813	144	5	1
40	22:04:22.678	Thread Group 1-40	HTTP Request	9	Success	2813	144	9	1
41	22:04:22.778	Thread Group 1-41	HTTP Request	11	Success	2813	144	10	1
42	22:04:22.877	Thread Group 1-42	HTTP Request	9	Success	2813	144	9	1
43	22:04:22.977	Thread Group 1-43	HTTP Request	9	Success	2813	144	9	1
44	22:04:23.078	Thread Group 1-44	HTTP Request	8	Success	2813	144	8	0
45	22:04:23.178	Thread Group 1-45	HTTP Request	11	Success	2813	144	11	1

Langkah - langkah optimasi :

1. Memberikan limit di query sql yang dipanggil oleh function selectAllStudents()
@Select("select npm, name, gpa from student limit 10")
List<StudentModel> selectAllStudents();
2. Memberikan index pada field npm di tabel student yang dipanggil oleh function selectStudentBerhasil()
ALTER TABLE `apap`.`student`
ADD INDEX `student_npm_idx` (`npm`);
3. Tidak ada optimasi untuk selectStudentGagal()

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Screenshot hasil JMeter fitur soal latihan Load Testing nomor 1 setelah dioptimasi

- jmeter_selectAllStudents() : Average = 18

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	22:05:43.920	Thread Group 1-1	HTTP Request	28	✓	7682	133	28	0
2	22:05:44.020	Thread Group 1-2	HTTP Request	46	✓	7682	133	46	1
3	22:05:44.120	Thread Group 1-3	HTTP Request	79	✓	7682	133	79	1
4	22:05:44.220	Thread Group 1-4	HTTP Request	19	✓	7682	133	18	0
5	22:05:44.300	Thread Group 1-5	HTTP Request	16	✓	7682	133	16	0
6	22:05:44.420	Thread Group 1-6	HTTP Request	34	✓	7682	133	34	1
7	22:05:44.520	Thread Group 1-7	HTTP Request	33	✓	7682	133	31	1
8	22:05:44.620	Thread Group 1-8	HTTP Request	15	✓	7682	133	13	1
9	22:05:44.721	Thread Group 1-9	HTTP Request	13	✓	7682	133	12	1
10	22:05:44.822	Thread Group 1-10	HTTP Request	30	✓	7682	133	29	0
11	22:05:44.922	Thread Group 1-11	HTTP Request	13	✓	7682	133	13	0
12	22:05:45.022	Thread Group 1-12	HTTP Request	14	✓	7682	133	14	0
13	22:05:45.124	Thread Group 1-13	HTTP Request	26	✓	7682	133	26	0
14	22:05:45.224	Thread Group 1-14	HTTP Request	13	✓	7682	133	12	0
15	22:05:45.322	Thread Group 1-15	HTTP Request	11	✓	7682	133	10	1
16	22:05:45.424	Thread Group 1-16	HTTP Request	11	✓	7682	133	9	0
17	22:05:45.522	Thread Group 1-17	HTTP Request	10	✓	7682	133	10	1
18	22:05:45.624	Thread Group 1-18	HTTP Request	28	✓	7682	133	28	1
19	22:05:45.723	Thread Group 1-19	HTTP Request	9	✓	7682	133	9	0
20	22:05:45.824	Thread Group 1-20	HTTP Request	31	✓	7682	133	30	1
21	22:05:45.924	Thread Group 1-21	HTTP Request	27	✓	7682	133	27	1
22	22:05:46.024	Thread Group 1-22	HTTP Request	29	✓	7682	133	28	1
23	22:05:46.124	Thread Group 1-23	HTTP Request	10	✓	7682	133	10	0
24	22:05:46.224	Thread Group 1-24	HTTP Request	31	✓	7682	133	30	1
25	22:05:46.324	Thread Group 1-25	HTTP Request	9	✓	7682	133	9	0
26	22:05:46.425	Thread Group 1-26	HTTP Request	38	✓	7682	133	37	2
27	22:05:46.524	Thread Group 1-27	HTTP Request	39	✓	7682	133	38	2
28	22:05:46.624	Thread Group 1-28	HTTP Request	21	✓	7682	133	21	2
29	22:05:46.724	Thread Group 1-29	HTTP Request	28	✓	7682	133	28	1
30	22:05:46.825	Thread Group 1-30	HTTP Request	29	✓	7682	133	28	1
31	22:05:46.923	Thread Group 1-31	HTTP Request	10	✓	7682	133	10	1
32	22:05:47.025	Thread Group 1-32	HTTP Request	44	✓	7682	133	43	2
33	22:05:47.125	Thread Group 1-33	HTTP Request	12	✓	7682	133	12	0
34	22:05:47.225	Thread Group 1-34	HTTP Request	7	✓	7682	133	7	0
35	22:05:47.326	Thread Group 1-35	HTTP Request	9	✓	7682	133	9	0
36	22:05:47.426	Thread Group 1-36	HTTP Request	10	✓	7682	133	10	0
37	22:05:47.526	Thread Group 1-37	HTTP Request	11	✓	7682	133	11	0
38	22:05:47.626	Thread Group 1-38	HTTP Request	25	✓	7682	133	24	1
39	22:05:47.726	Thread Group 1-39	HTTP Request	10	✓	7682	133	10	0
40	22:05:47.826	Thread Group 1-40	HTTP Request	9	✓	7682	133	9	1
41	22:05:47.927	Thread Group 1-41	HTTP Request	9	✓	7682	133	9	1
42	22:05:48.026	Thread Group 1-42	HTTP Request	10	✓	7682	133	10	1
43	22:05:48.127	Thread Group 1-43	HTTP Request	17	✓	7682	133	17	1
44	22:05:48.227	Thread Group 1-44	HTTP Request	18	✓	7682	133	18	1
45	22:06:48.577	Thread Group 1-45	HTTP Request	16	✓	7682	133	16	1

- jmeter_selectStudentBerhasil() : Average = 11

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	22:21:02.915	Thread Group 1-1	HTTP Request	9	✓	2677	141	9	0
2	22:21:03.016	Thread Group 1-2	HTTP Request	7	✓	2677	141	7	0
3	22:21:03.116	Thread Group 1-3	HTTP Request	9	✓	2677	141	9	1
4	22:21:03.216	Thread Group 1-4	HTTP Request	10	✓	2677	141	10	1
5	22:21:03.316	Thread Group 1-5	HTTP Request	8	✓	2677	141	8	1
6	22:21:03.417	Thread Group 1-6	HTTP Request	13	✓	2677	141	13	0
7	22:21:03.517	Thread Group 1-7	HTTP Request	7	✓	2677	141	7	0
8	22:21:03.617	Thread Group 1-8	HTTP Request	8	✓	2677	141	8	1
9	22:21:03.717	Thread Group 1-9	HTTP Request	10	✓	2677	141	10	1
10	22:21:03.817	Thread Group 1-10	HTTP Request	11	✓	2677	141	11	1
11	22:21:03.920	Thread Group 1-11	HTTP Request	12	✓	2677	141	11	1
12	22:21:04.023	Thread Group 1-12	HTTP Request	8	✓	2677	141	8	1
13	22:21:04.121	Thread Group 1-13	HTTP Request	11	✓	2677	141	11	1
14	22:21:04.223	Thread Group 1-14	HTTP Request	11	✓	2677	141	11	1
15	22:21:04.323	Thread Group 1-15	HTTP Request	10	✓	2677	141	10	1
16	22:21:04.424	Thread Group 1-16	HTTP Request	11	✓	2677	141	11	1
17	22:21:04.524	Thread Group 1-17	HTTP Request	8	✓	2677	141	8	0
18	22:21:04.624	Thread Group 1-18	HTTP Request	11	✓	2677	141	11	1
19	22:21:04.723	Thread Group 1-19	HTTP Request	13	✓	2677	141	12	1
20	22:21:04.824	Thread Group 1-20	HTTP Request	12	✓	2677	141	12	1
21	22:21:04.922	Thread Group 1-21	HTTP Request	4	✓	2677	141	4	1
22	22:21:05.024	Thread Group 1-22	HTTP Request	8	✓	2677	141	8	1
23	22:21:05.124	Thread Group 1-23	HTTP Request	10	✓	2677	141	10	1
24	22:21:05.224	Thread Group 1-24	HTTP Request	4	✓	2677	141	4	0
25	22:21:05.324	Thread Group 1-25	HTTP Request	5	✓	2677	141	5	0
26	22:21:05.424	Thread Group 1-26	HTTP Request	9	✓	2677	141	9	1
27	22:21:05.524	Thread Group 1-27	HTTP Request	8	✓	2677	141	8	1
28	22:21:05.625	Thread Group 1-28	HTTP Request	11	✓	2677	141	11	1
29	22:21:05.725	Thread Group 1-29	HTTP Request	11	✓	2677	141	11	0
30	22:21:05.826	Thread Group 1-30	HTTP Request	4	✓	2677	141	4	1
31	22:21:05.926	Thread Group 1-31	HTTP Request	9	✓	2677	141	9	1
32	22:21:06.026	Thread Group 1-32	HTTP Request	10	✓	2677	141	10	1
33	22:21:06.126	Thread Group 1-33	HTTP Request	11	✓	2677	141	11	1
34	22:21:06.226	Thread Group 1-34	HTTP Request	12	✓	2677	141	12	1
35	22:21:06.326	Thread Group 1-35	HTTP Request	10	✓	2677	141	10	1
36	22:21:06.426	Thread Group 1-36	HTTP Request	10	✓	2677	141	10	1
37	22:21:06.526	Thread Group 1-37	HTTP Request	9	✓	2677	141	9	0
38	22:21:06.626	Thread Group 1-38	HTTP Request	13	✓	2677	141	13	1
39	22:21:06.725	Thread Group 1-39	HTTP Request	11	✓	2677	141	11	1
40	22:21:06.825	Thread Group 1-40	HTTP Request	11	✓	2677	141	11	1
41	22:21:06.925	Thread Group 1-41	HTTP Request	2	✓	2677	141	2	1
42	22:21:07.025	Thread Group 1-42	HTTP Request	3	✓	2677	141	3	0
43	22:21:07.125	Thread Group 1-43	HTTP Request	5	✓	2677	141	5	1
44	22:21:07.226	Thread Group 1-44	HTTP Request	4	✓	2677	141	4	0
45	22:21:07.326	Thread Group 1-45	HTTP Request	5	✓	2677	141	5	0