




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Kelas : 5 A / Kelompok 3


HomeWork Week 7

Case 1


Module Rumus.js

```
case1 >  Rumus.js >  <unknown>
1   class Persegi {
2       constructor(sisi) {
3           this.sisi = sisi;
4       }
5       hitungLuas() {
6           return this.sisi * this.sisi;
7       }
8       hitungKeliling() {
9           return 4 * this.sisi;
10      }
11  }
12
13  class PersegiPanjang {
14      constructor(panjang, lebar) {
15          this.panjang = panjang;
16          this.lebar = lebar;
17      }
18      hitungLuas() {
19          return this.panjang * this.lebar;
20      }
21      hitungKeliling() {
22          return 2 * (this.panjang + this.lebar);
23      }
24  }
25  
26  module.exports = { Persegi, PersegiPanjang };
```

Soal1.js

```
case1 >  soal1.js > ...
1   const soal1 = require('./Rumus');
2   const persegi = new soal1.Persegi(6);
3   const persegiPanjang = new soal1.PersegiPanjang(12, 7)
4
5   console.log(`Luas Persegi adalah: ${persegi.hitungLuas()}`);
6   console.log(`Keliling Persegi adalah: ${persegi.hitungKeliling()}`);
7   console.log(`\nLuas Persegi Panjang adalah: ${persegiPanjang.hitungLuas()}`);
8   console.log(`Keliling Persegi Panjang adalah: ${persegiPanjang.hitungKeliling()}`);
```

Case 2

```
case2 >  soal2.js > ...
1   const fs = require('fs');
2
3   const logData = `
4   03/22 08:54:24 INFO   :.....rsvp_flow_stateMachine: state RESVED, event T1OUT
5   03/22 08:54:24 TRACE  :.....rsvp_action_nHop: constructing a PATH
6   03/22 08:54:24 TRACE  :.....flow_timer_start: started T1
7   03/22 08:54:24 TRACE  :.....rsvp_flow_stateMachine: reentering state RESVED
8   03/22 08:54:24 TRACE  :.....mailslot_send: sending to (9.67.116.99:0)
9   03/22 08:54:35 TRACE  :.....rsvp_event_mapSession: Session=9.67.116.99:1047:6 exists
10  24
11  03/22 08:54:35 EVENT   :.....api_reader: api request SENDER_WITHDRAW
12  03/22 08:54:35 INFO   :.....rsvp_flow_stateMachine: state RESVED, event PATHTEAR
13  25
14  03/22 08:54:35 TRACE  :.....traffic_action_oif: is to remove filter
15  03/22 08:54:35 INFO   :.....qosmgr_request: Ioctl to remove reservation successful
16  03/22 08:54:35 INFO   :.....rpapi_Reg_UnregFlow: RSVPRemActionName: Entering
17
18  03/22 08:54:35 INFO   :.....rpapi_Reg_UnregFlow: ReadBuffer: Entering
19
20  03/22 08:54:35 INFO   :.....rpapi_Reg_UnregFlow: ReadBuffer: Exiting
21
22  03/22 08:54:35 INFO   :.....rpapi_Reg_UnregFlow: RSVPRemActionName: Result = 0
23
24  03/22 08:54:35 INFO   :.....rpapi_Reg_UnregFlow: RSVPRemActionName: Exiting
25
26  03/22 08:54:35 INFO   :.....rpapi_Reg_UnregFlow: flow[sess=9.67.116.99:1047:6,
27  source=9.67.116.98:8000] unregistered from CLCat2
28  03/22 08:54:35 EVENT   :.....qosmgr_response: DELRESP from qosmgr, reason=0, qoshandle=0
29  03/22 08:54:35 INFO   :.....qosmgr_response: src=9.67.116.98:8000 dst=9.67.116.99:1047 proto=6
30  03/22 08:54:35 TRACE  :.....traffic_reader: tc response msg=3, status=1
31  26
32  03/22 08:54:35 TRACE  :.....rsvp_action_nHop: constructing a PATHTEAR
33
43  03/22 08:54:35 PROTERR:.....rsvp_flow_stateMachine: state SESSIONED does not expect event PATHTEAR
44  29
45  03/22 08:54:53 EVENT   :...mailslot_sitter: process received signal SIGTERM
46  03/22 08:54:53 INFO   :...check_signals: received TERM signal
47  03/22 08:54:53 INFO   :.....term_policyAPI: UnRegisterFromPolicyAPI: Entering
48
49  03/22 08:54:53 INFO   :.....term_policyAPI: ReadBuffer: Entering
50
51  03/22 08:54:53 INFO   :.....term_policyAPI: ReadBuffer: Exiting
52
53  03/22 08:54:53 INFO   :.....term_policyAPI: UnRegisterFromPolicyAPI: Result = 0
54
55  03/22 08:54:53 INFO   :.....term_policyAPI: UnRegisterFromPolicyAPI: Exiting
56
57  03/22 08:54:53 INFO   :.....term_policyAPI: APITerminate: Entering
58
59  03/22 08:54:53 INFO   :.....term_policyAPI: APITerminate: Exiting
60
61  03/22 08:54:53 INFO   :.....term_policyAPI: Policy API terminated
62  03/22 08:54:53 INFO   :.....dreg_process: deregistering process with the system
63  03/22 08:54:53 INFO   :.....dreg_process: attempt to dereg (ifaaddrng_byaddr)
64  03/22 08:54:53 INFO   :.....dreg_process: rc from ifaaddrng_byaddr rc =0
65  03/22 08:54:53 INFO   :.....terminator: process terminated with exit code 0
66  `
67
68  fs.writeFile('./case2/log.txt', logData, (error) => {
69    if (error) throw error;
70    console.log('Data Log berhasil ditulis');
71  })
```

Log.txt

```
case2 > log.txt
1
2 03/22 08:54:24 INFO :.....rsvp_flow_stateMachine: state RESVED, event T1OUT
3 03/22 08:54:24 TRACE :.....rsvp_action_nHop: constructing a PATH
4 03/22 08:54:24 TRACE :.....flow_timer_start: started T1
5 03/22 08:54:24 TRACE :.....rsvp_flow_stateMachine: reentering state RESVED
6 03/22 08:54:24 TRACE :.....mailslot_send: sending to (9.67.116.99:0)
7 03/22 08:54:35 TRACE :.....rsvp_event_mapSession: Session=9.67.116.99:1047:6 exists
8 24
9 03/22 08:54:35 EVENT :.....api_reader: api request SENDER_WITHDRAW
10 03/22 08:54:35 INFO :.....rsvp_flow_stateMachine: state RESVED, event PATHTEAR
11 25
12 03/22 08:54:35 TRACE :.....traffic_action_oif: is to remove filter
13 03/22 08:54:35 INFO :.....qosmgr_request: Ioctl to remove reservation successful
14 03/22 08:54:35 INFO :.....rpapi_Reg_UnregFlow: RSVPRemActionName: Entering
15
16 03/22 08:54:35 INFO :.....rpapi_Reg_UnregFlow: ReadBuffer: Entering
17
18 03/22 08:54:35 INFO :.....rpapi_Reg_UnregFlow: ReadBuffer: Exiting
19
20 03/22 08:54:35 INFO :.....rpapi_Reg_UnregFlow: RSVPRemActionName: Result = 0
21
22 03/22 08:54:35 INFO :.....rpapi_Reg_UnregFlow: RSVPRemActionName: Exiting
23
24 03/22 08:54:35 INFO :.....rpapi_Reg_UnregFlow: flow[sess=9.67.116.99:1047:6,
25 source=9.67.116.98:8000] unregistered from CLCat2
26 03/22 08:54:35 EVENT :.....qosmgr_response: DELRESP from qosmgr, reason=0, qoshandle=0
27 03/22 08:54:35 INFO :.....qosmgr_response: src-9.67.116.98:8000 dst-9.67.116.99:1047 proto-6
28 03/22 08:54:35 TRACE :.....traffic_reader: tc response msg=3, status=1
29 26
30 03/22 08:54:35 TRACE :.....rsvp_action_nHop: constructing a PATHTEAR
31 03/22 08:54:35 TRACE :.....flow_timer_stop: stopped T1
32 03/22 08:54:35 TRACE :.....flow_timer_stop: Stop T4
```

Link file repo github

<https://github.com/Bhanurzh/RakaminFSWD/tree/main/HW7>