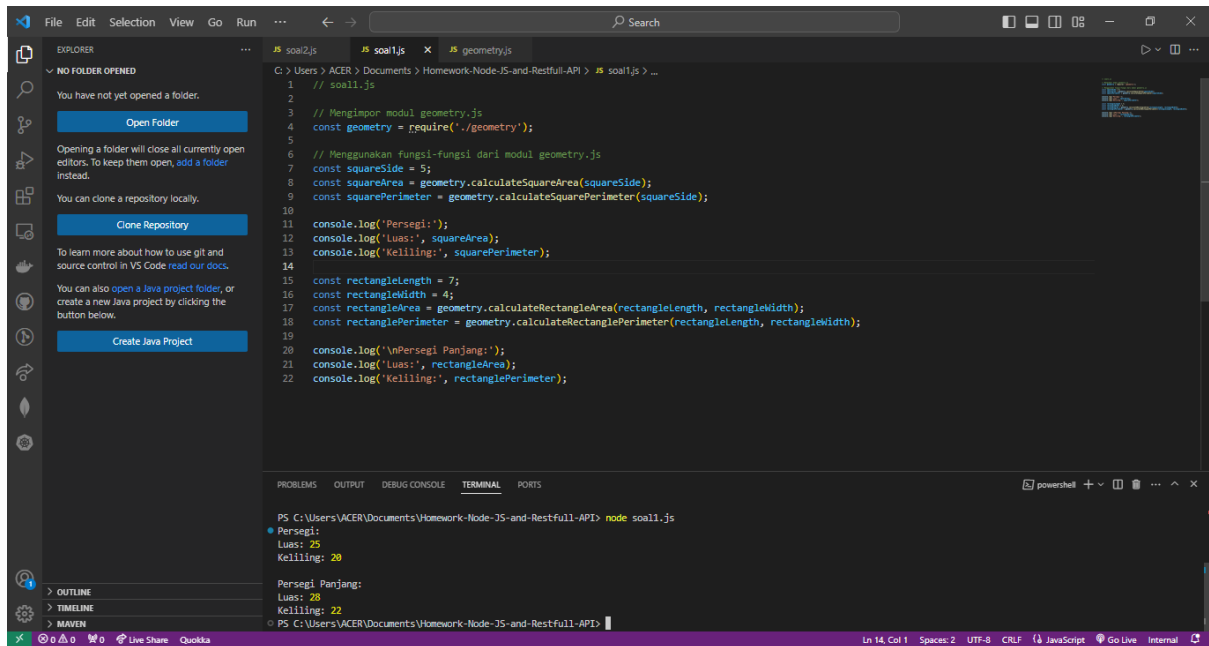
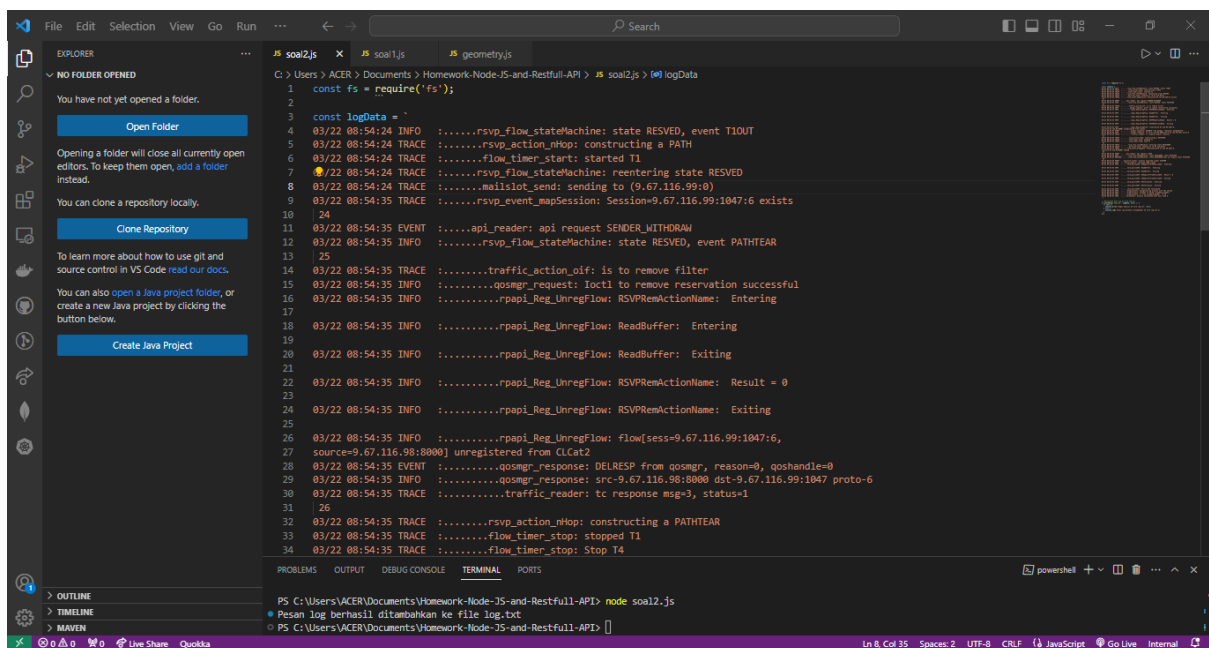


<https://github.com/Beni-Zhang/Homework-Node-JS-and-Restfull-API.git>



```
File Edit Selection View Go Run ... Search
EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
Opening a folder will close all currently open editors. To keep them open, add a folder instead.
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.
You can also open a Java project folder, or create a new Java project by clicking the button below.
Create Java Project
soa11.js
1 // soa11.js
2
3 // Mengimport modul geometry.js
4 const geometry = require('./geometry');
5
6 // Menggunakan fungsi-fungsi dari modul geometry.js
7 const squareSide = 5;
8 const squareArea = geometry.calculateSquareArea(squareSide);
9 const squarePerimeter = geometry.calculateSquarePerimeter(squareSide);
10
11 console.log('Persegi:');
12 console.log('Luas:', squareArea);
13 console.log('Keliling:', squarePerimeter);
14
15 const rectangleLength = 7;
16 const rectangleWidth = 4;
17 const rectangleArea = geometry.calculateRectangleArea(rectangleLength, rectangleWidth);
18 const rectanglePerimeter = geometry.calculateRectanglePerimeter(rectangleLength, rectangleWidth);
19
20 console.log('Persegi Panjang:');
21 console.log('Luas:', rectangleArea);
22 console.log('Keliling:', rectanglePerimeter);
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\VACER\Documents\Homework-Node-JS-and-Restfull-API> node soa11.js
Persegi:
Luas: 25
Keliling: 20
Persegi Panjang:
Luas: 28
Keliling: 22
PS C:\Users\VACER\Documents\Homework-Node-JS-and-Restfull-API>
```



```
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Create Java Project
soa2.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_mHop: 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 PATHEAR
13 25
14 03/22 08:54:35 TRACE :.....traffic_action_nif: is to remove filter
15 03/22 08:54:35 INFO :.....qosmgr_request: Ioclt 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[seas=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=9.67.116.98:0000 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_mHop: constructing a PATHEAR
33 03/22 08:54:35 TRACE :.....flow_timer_stop: stopped T1
34 03/22 08:54:35 TRACE :.....flow_timer_stop: Stop T4
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\VACER\Documents\Homework-Node-JS-and-Restfull-API> node soa2.js
Pesan log berhasil ditambahkan ke file log.txt
PS C:\Users\VACER\Documents\Homework-Node-JS-and-Restfull-API>
```

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Create Java Project
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
C:\Users\ACER> Documents\Homework-Node-JS-and-Restfull-API> node logData
32 03/22 08:54:35 TRACE :.....rsvp_action_tmop: constructing a PATHTEAR
33 03/22 08:54:35 TRACE :.....flow_timer_stop: stopped T1
34 03/22 08:54:35 TRACE :.....flow_timer_stop: Stop T4
35 27
36 03/22 08:54:35 TRACE :.....rsvp_flow_stateMachine: entering state SESSIONED
37 03/22 08:54:35 TRACE :.....mailslot_send: sending to (9.67.116.99:0)
38 03/22 08:54:35 TRACE :.....rsvp_event_propagate: flow(session=9.67.116.99:1047:6,
source=9.67.116.98:8000] ceased
39 28
40 28
41 03/22 08:54:35 EVENT :.....api_reader: api request CLOSE
42 03/22 08:54:35 INFO :.....rsvp_flow_stateMachine: state SESSIONED, event PATHTEAR
43 03/22 08:54:35 PROTEERR:.....rsvp_flow_stateMachine: state SESSIONED does not expect event PATHTEAR
44 29
45 03/22 08:54:35 EVENT :.....mailslot_slitter: process received signal SIGTERM
46 03/22 08:54:35 INFO :.....check_signals: received TERM signal
47 03/22 08:54:35 INFO :.....term_policyAPI: UnRegisterFromPolicyAPI: Entering
48
49 03/22 08:54:35 INFO :.....term_policyAPI: ReadBuffer: Entering
50
51 03/22 08:54:35 INFO :.....term_policyAPI: ReadBuffer: Exiting
52
53 03/22 08:54:35 INFO :.....term_policyAPI: UnRegisterFromPolicyAPI: Result = 0
54
55 03/22 08:54:35 INFO :.....term_policyAPI: UnRegisterFromPolicyAPI: Exiting
56
57 03/22 08:54:35 INFO :.....term_policyAPI: APITerminate: Entering
58
59 03/22 08:54:35 INFO :.....term_policyAPI: APITerminate: Exiting
60
61 03/22 08:54:35 INFO :.....term_policyAPI: Policy API terminated
62 03/22 08:54:35 INFO :.....dreg_process: deregistering process with the system
63 03/22 08:54:35 INFO :.....dreg_process: attempt to dereg (ifaedrg_byaddr)
64 03/22 08:54:35 INFO :.....dreg_process: rc from ifaedrg_byaddr rc =0
65 03/22 08:54:35 INFO :.....terminator: process terminated with exit code 0
66
67
68 // Menuliskan data log ke file log.txt
69 fs.writeFile('log.txt', logData, (err) => {
70   if (err) {
71     console.error('Gagal menulis ke file log.txt', err);
72   } else {
73     console.log('Pesan log berhasil ditambahkan ke file log.txt');
74   }
75 });
```

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44 29
45 03/22 08:54:35 EVENT :.....mailslot_slitter: process received signal SIGTERM
46 03/22 08:54:35 INFO :.....check_signals: received TERM signal
47 03/22 08:54:35 INFO :.....term_policyAPI: UnRegisterFromPolicyAPI: Entering
48
49 03/22 08:54:35 INFO :.....term_policyAPI: ReadBuffer: Entering
50
51 03/22 08:54:35 INFO :.....term_policyAPI: ReadBuffer: Exiting
52
53 03/22 08:54:35 INFO :.....term_policyAPI: UnRegisterFromPolicyAPI: Result = 0
54
55 03/22 08:54:35 INFO :.....term_policyAPI: UnRegisterFromPolicyAPI: Exiting
56
57 03/22 08:54:35 INFO :.....term_policyAPI: APITerminate: Entering
58
59 03/22 08:54:35 INFO :.....term_policyAPI: APITerminate: Exiting
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64 03/22 08:54:35 INFO :.....dreg_process: rc from ifaedrg_byaddr rc =0
65 03/22 08:54:35 INFO :.....terminator: process terminated with exit code 0
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75 });
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