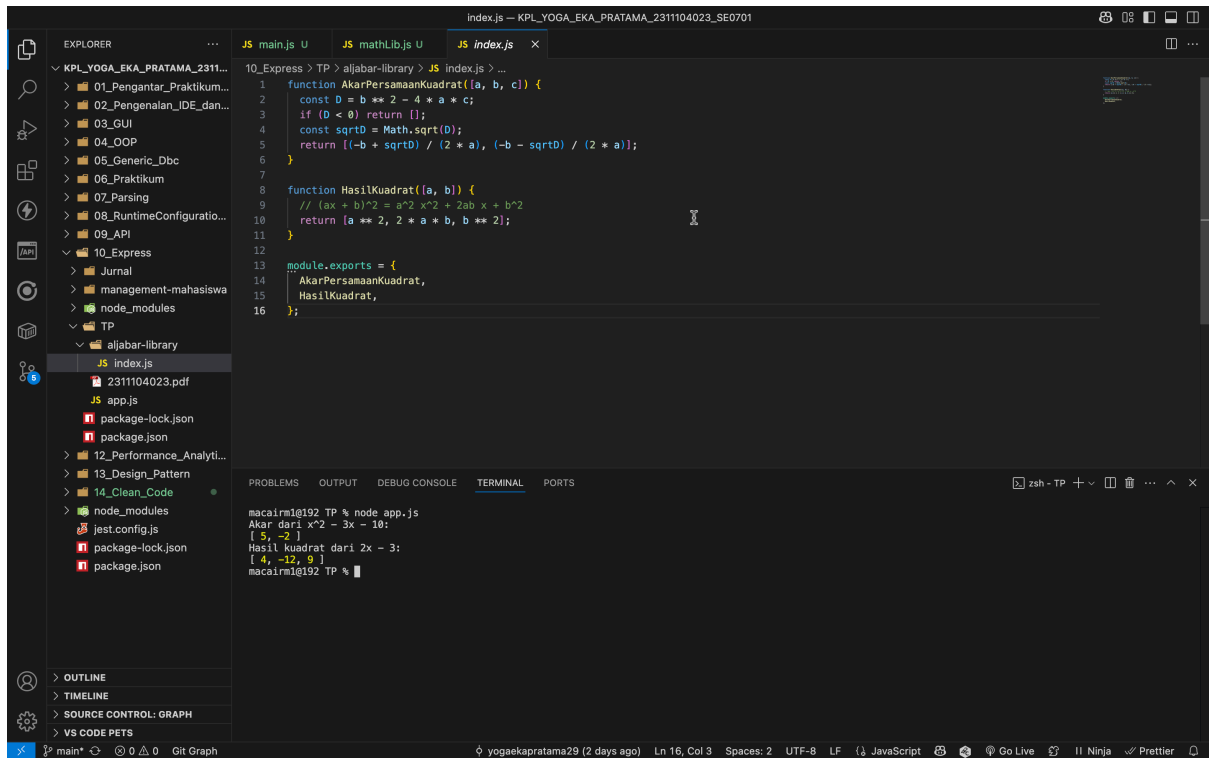


2311104023
Yoga Eka Pratama
SE0701

Tugas Pendahuluan 14

Sebelum Menggunakan Clear Code :



```
index.js — KPL_YOGA_EKA_PRATAMA_2311104023_SE0701

EXPLORER
KPL_YOGA_EKA_PRATAMA_2311...
  > 01_Pengantar_Praktikum...
  > 02_Pengenalan_IDE_dan...
  > 03_GUI
  > 04_OOP
  > 05_Generic_Dbc
  > 06_Praktikum
  > 07_Parsing
  > 08_RuntimeConfiguratio...
  > 09_API
  > 10_Express
  > Jurnal
  > management-mahasiswa
  > node_modules
  > TP
  > aljabar-library
    JS index.js
    2311104023.pdf
    JS app.js
    package-lock.json
    package.json
  > 12_Performance_Analyti...
  > 13_Design_Pattern
  > 14_Clean_Code
  > node_modules
  > jest.config.js
  > package-lock.json
  > package.json

OUTLINE
TIMELINE
SOURCE CONTROL: GRAPH
VS CODE PETS

10_Express > TP > aljabar-library > JS index.js > ...
1 function AkarPersamaanKuadrat([a, b, c]) {
2   const D = b ** 2 - 4 * a * c;
3   if (D < 0) return [];
4   const sqrtD = Math.sqrt(D);
5   return [(-b + sqrtD) / (2 * a), (-b - sqrtD) / (2 * a)];
6 }
7
8 function HasilKuadrat([a, b]) {
9   // (ax + b)^2 = a^2 x^2 + 2ab x + b^2
10  return [a ** 2, 2 * a * b, b ** 2];
11 }
12
13 module.exports = {
14   AkarPersamaanKuadrat,
15   HasilKuadrat,
16 };

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
macairm1@192 TP % node app.js
Akar dari x^2 - 3x - 10:
[ 5, -2 ]
Hasil kuadrat dari 2x - 3:
[ 4, -12, 9 ]
macairm1@192 TP %
```

Sesudah Menggunakan Clear Code :

