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POST TEST

Praktikum Struktur Data dan Algoritma

1. Menggunakan Numalphabetic

a. Ajojing

A : 1

J : 10

O : 15

J : 10

I : 9

N : 14

G : 7

$$1+10+15+10+9+14+7 = 66\%30 = 6$$

Jawaban nya adalah 6

b. CHARLIE

C : 3

H : 8

A : 1

R : 18

L : 12

I : 9

E : 5

$$3+8+1+18+12+9+5 = 56\%30 = 26$$

Jawaban nya adalah 26

Menggunakan ASCII

a. AJOJING :

A : 65

J : 74

O : 79

J : 74

I : 73

N : 78

G : 71

$$65+74+79+74+73+78+71 = 514\%30 = 4$$

Jawaban nya adalah 4

b. CHARLIE

C : 67

H : 72

A : 65

R : 82

L : 76

I : 73

E: 69

$$67+72+65+82+76+73+69 = 504\%30 = 24$$

Jawaban nya adalah 24

2. Inorder : Z , H , C , B , A , D , E , G , F
Postorder : Z , H , C , B , D , G , E , F , A
- 3.

```
#include <iostream>

using namespace std;

int main() {
int arr[3][4] = {{3, 2, 5, 8}, {2, 5, 1, 5}, {6, 1, 2, 3}};
    for (int i = 0; i < 3; i++) { // baris
        for (int j = 0; j < 4; j++) { // kolom
            cout << arr[i][j]; // Output elemen matriks
        }
        cout << endl;
    }
    return 0;
}
```

```
PROBLEMS  DEBUG CONSOLE  OUTPUT  TERMINAL

Windows PowerShell
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PS C:\Users\Irsyad\OneDrive - ypt.or.id\Materi Kuliah\Semester 2> & 'c:\Users\Irsyad\.vscode\extensions\ms-vscode.cpptools-1.16.3-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-wt1s3bb2.0zh' '--stdout=Microsoft-MIEngine-Out-4tolzctx.pfc' '--stderr=Microsoft-MIEngine-Error-jubdfcif.2rg' '--pid=Microsoft-MIEngine-Pid-jt5zdwjb.0z3' '--dbgExe=C:\MinGW\bin\gdb.exe' '--interpreter=mi'
3258
2515
6123
PS C:\Users\Irsyad\OneDrive - ypt.or.id\Materi Kuliah\Semester 2>
```