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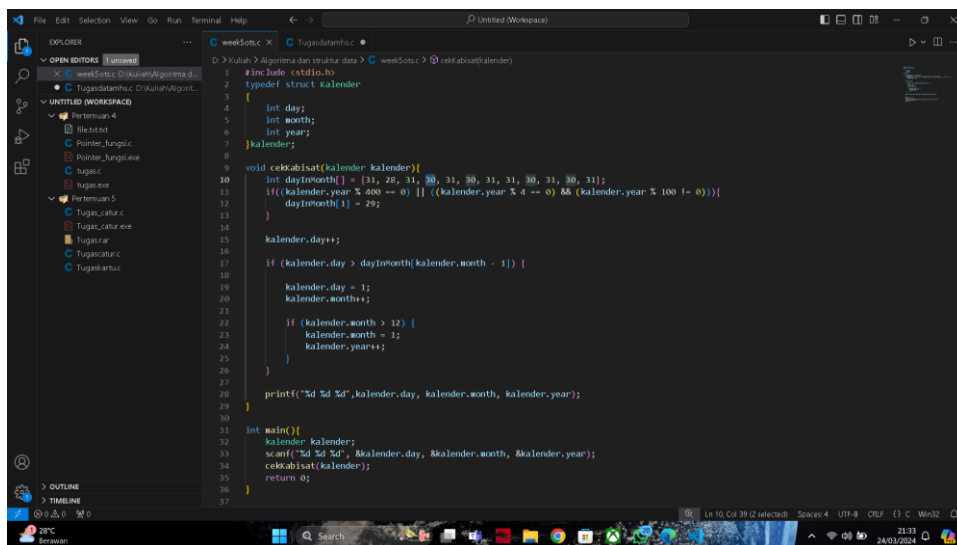
Kelas : IF-03-02

TUGAS ALGORITMA DAN STRUKTUR DATA

Source Code

```
1 #include <stdio.h>
2 typedef struct Kalender
3 {
4     int day;
5     int month;
6     int year;
7 }kalender;
8
9 void cekKabisat(kalender kalender){
10     int dayInMonth[] = {31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31};
11     if((kalender.year % 400 == 0) || ((kalender.year % 4 == 0) && (kalender.year % 100 != 0))){
12         dayInMonth[1] = 29;
13     }
14
15     kalender.day++;
16
17     if (kalender.day > dayInMonth[kalender.month - 1]) {
18
19         kalender.day = 1;
20         kalender.month++;
21
22         if (kalender.month > 12) {
23             kalender.month = 1;
24             kalender.year++;
25         }
26     }
27
28     printf("%d %d %d",kalender.day, kalender.month, kalender.year);
29 }
30
31 int main(){
32     kalender kalender;
33     scanf("%d %d %d", &kalender.day, &kalender.month, &kalender.year);
34     cekKabisat(kalender);
35     return 0;
36 }
```

Screenshoot Full Laptop



Output

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\Kuliah\Algoritma dan struktur data\Praktikum\Pertemuan 5> cd "d:\Kuliah\Algoritma dan struktur data\" ; if ($?) { gcc week5ots.
c -o week5ots } ; if ($?) { .\week5ots }
29 4 2005
30 4 2005
PS D:\Kuliah\Algoritma dan struktur data> █
```