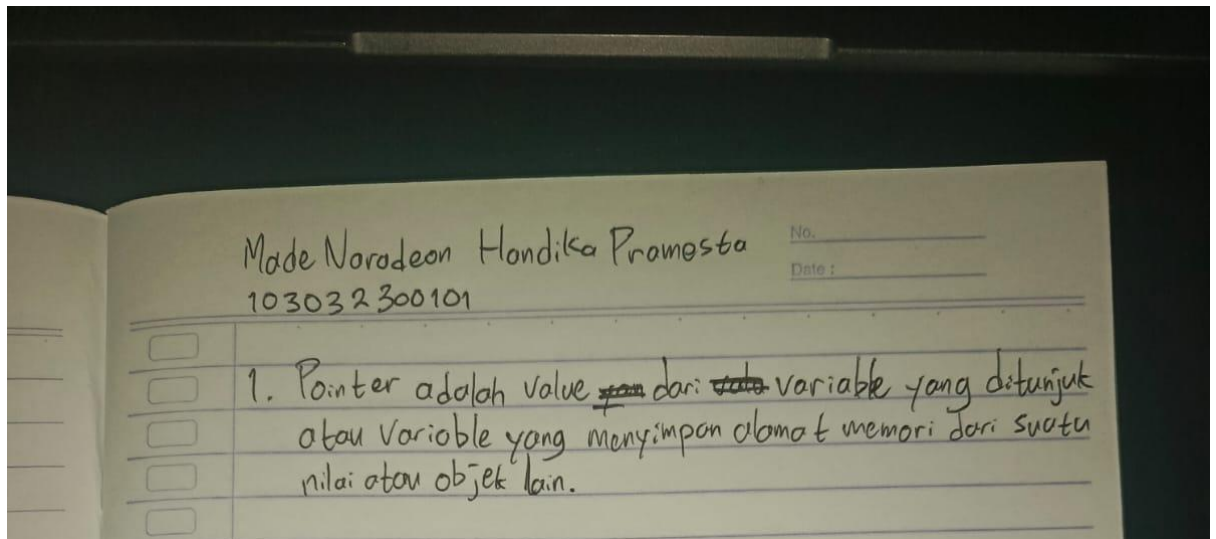


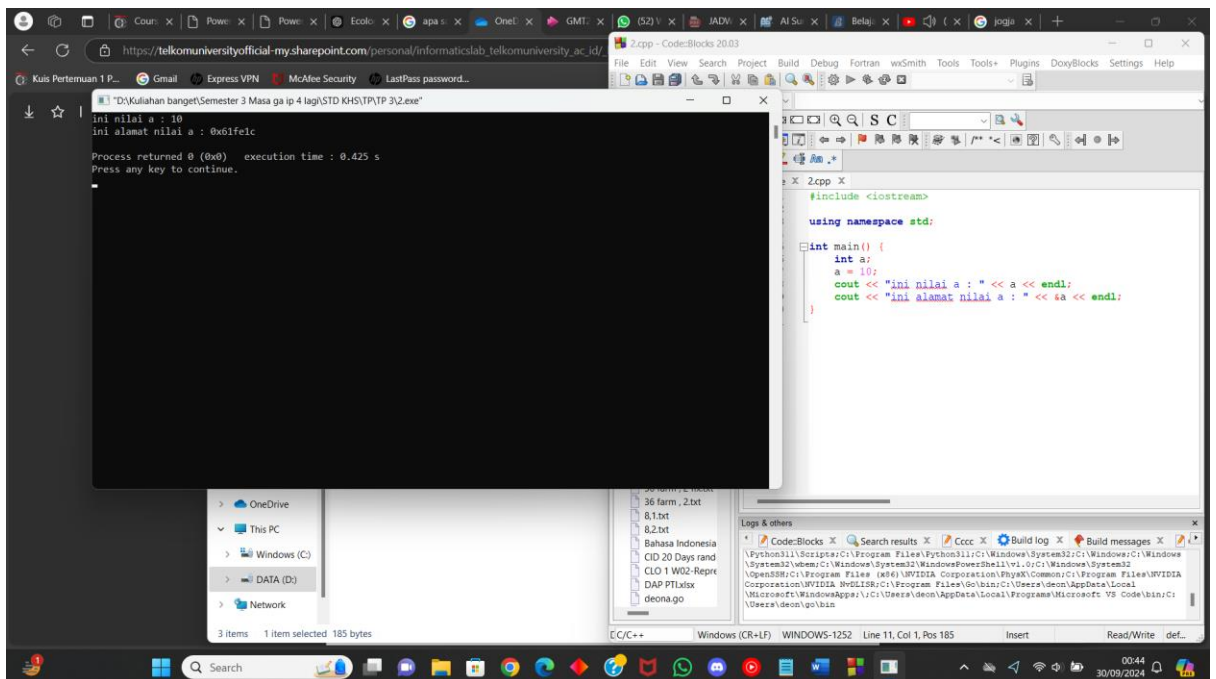
Made Naradeon Handika Pramesta

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1. -----



2. -----



3.

The screenshot shows a Windows desktop with a Code::Blocks IDE open. The IDE has two tabs: '2.cpp' and '3.cpp'. The '3.cpp' tab is active, showing a C++ program that includes `<iostream>`, uses the `std` namespace, and defines a `main` function. The `main` function declares an integer `a` and a pointer `p_a`, assigns `a = 10`, and then prints `a` and `*p_a` using `cout`. The terminal window on the left shows the output of the program, which is `10` followed by `0x61fe14` (the memory address of `p_a`). The terminal also shows the process return code `0` and execution time `0.366 s`.

4.

4. ADT adalah konsep teoritis, yang digunakan dalam semantik formal dan verifikasi program dan, kurang ketat dalam desain dan analisis algoritma, struktur data, dan sistem perangkat lunak. ADT sendiri merupakan spesifikasi yang berisi deklarasi type dan spesifikasi primitif.

5.

5. Contoh ilustrasi sederhana ADT dalam kehidupan nyata yaitu sistem kotak pos. Karena didalamnya ada operasi mengirim surat dan operasi menerima surat. kenapa ini disebut ADT. karena pengguna kotak pos hanya mengetahui bahwa dia akan menaruh surat di kotak pos dan diambil oleh petugas pos tanpa mengetahui bagaimana proses atau mekanisme pengiriman surat.

6.

The screenshot displays a Windows desktop environment with several open applications:

- Web Browser:** Open to <https://www.geeksforgeeks.org/pi-in-c-with-examples/>. The page content includes a navigation menu with items like "DSA Course", "DSA", "Practice Mathematical Algorithm", "Mathematical Algorithms", "Pythagorean Triplet", and "Fibonacci". The main content area shows a list of numbers: 1010, 1047.2, and a message: "Process returned 0 (0x0) execution time : 0.343 s. Press any key to continue."
- Terminal Window:** Displays the output of the program: "3.141593".
- CodeBlocks IDE:** Shows the source code of a C++ program. The code is as follows:

```
1 #include <iostream>
2 #include <cmath>
3
4 using namespace std;
5
6 float kerucut(float r, float t) {
7     return (M_PI * r * r * t) / 3;
8 }
9
10 int main() {
11     float r, t, hasil;
12     r = 10;
13     t = 10;
14     hasil = kerucut(r, t);
15     cout << r << t << endl;
16     cout << hasil << endl;
17     return 0;
18 }
```

The Windows taskbar at the bottom shows the system clock as 01:06 on 30/09/2024.