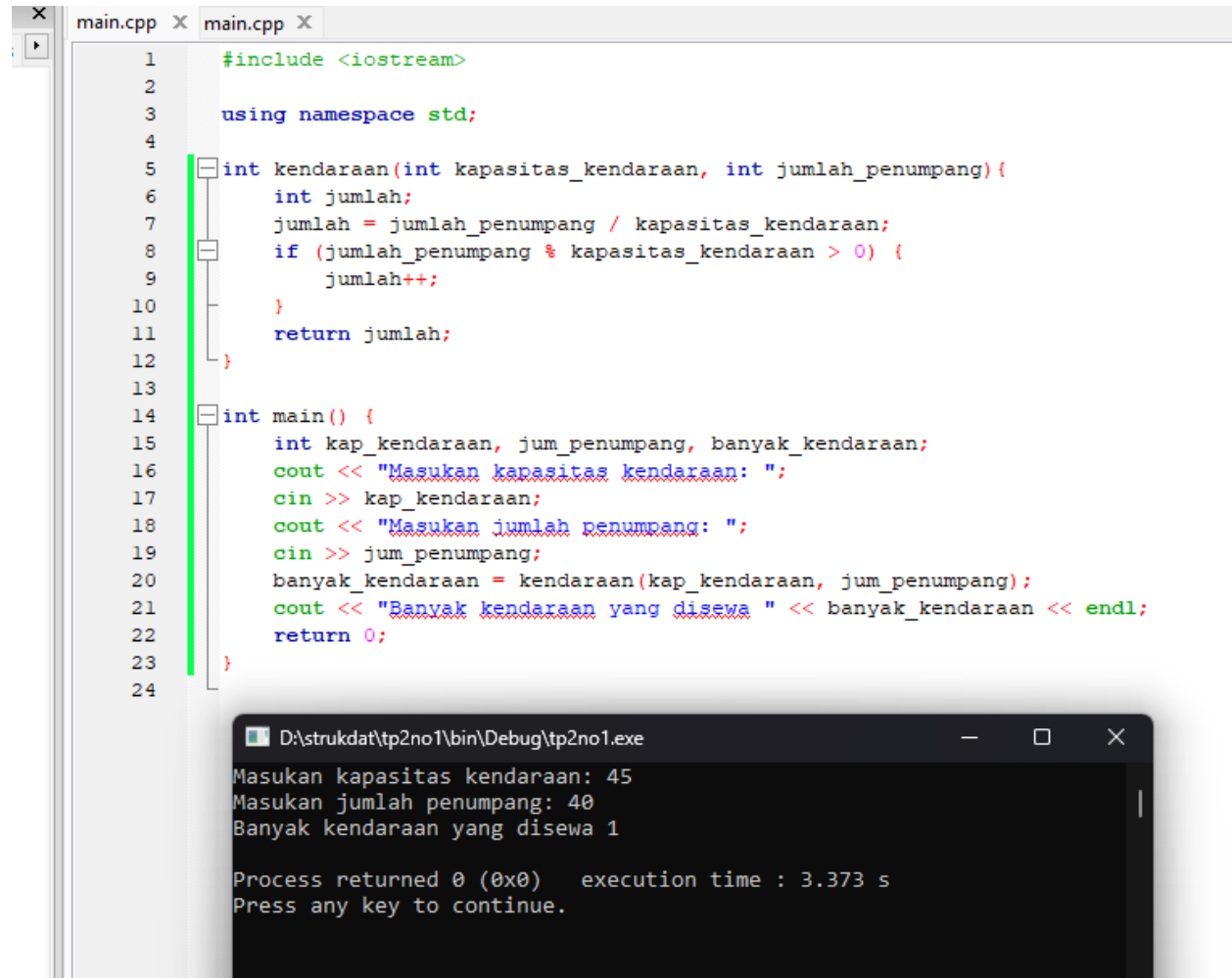


Nama : Nabel Muhamad Irfani

NIM : 103032330140

Kelas : IT – 47 – 04



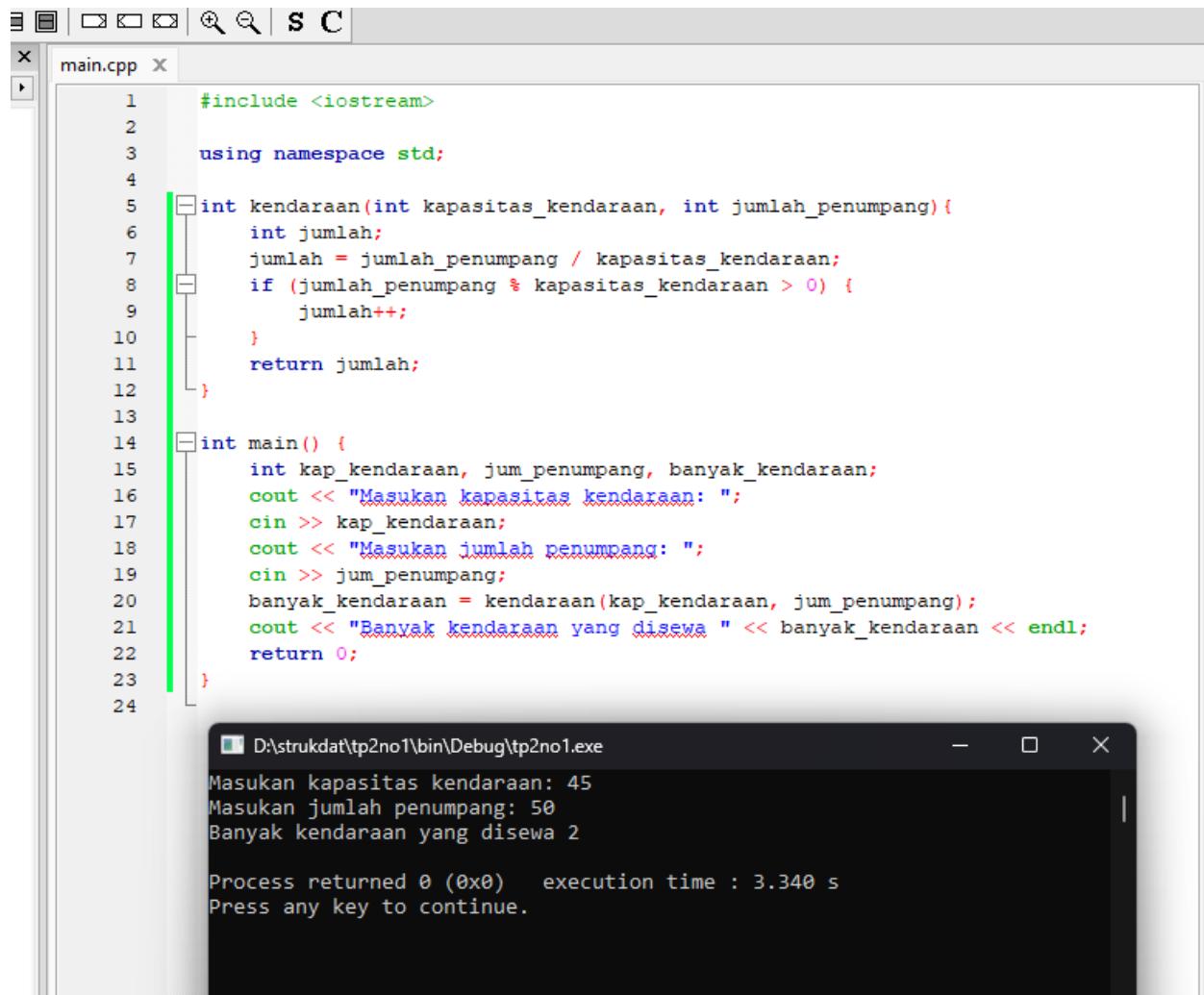
The image shows a C++ program in a code editor and its execution output in a terminal window. The code defines a function `kendaraan` that calculates the number of vehicles based on capacity and passenger count. The `main` function prompts the user for capacity and passenger count, then calls `kendaraan` and prints the result.

```
1  #include <iostream>
2
3  using namespace std;
4
5  int kendaraan(int kapasitas_kendaraan, int jumlah_penumpang){
6      int jumlah;
7      jumlah = jumlah_penumpang / kapasitas_kendaraan;
8      if (jumlah_penumpang % kapasitas_kendaraan > 0) {
9          jumlah++;
10     }
11     return jumlah;
12 }
13
14 int main() {
15     int kap_kendaraan, jum_penumpang, banyak_kendaraan;
16     cout << "Masukan kapasitas kendaraan: ";
17     cin >> kap_kendaraan;
18     cout << "Masukan jumlah penumpang: ";
19     cin >> jum_penumpang;
20     banyak_kendaraan = kendaraan(kap_kendaraan, jum_penumpang);
21     cout << "Banyak kendaraan yang disewa " << banyak_kendaraan << endl;
22     return 0;
23 }
24
```

The terminal window shows the following output:

```
D:\strukdat\tp2no1\bin\Debug\tp2no1.exe
Masukan kapasitas kendaraan: 45
Masukan jumlah penumpang: 40
Banyak kendaraan yang disewa 1

Process returned 0 (0x0)   execution time : 3.373 s
Press any key to continue.
```



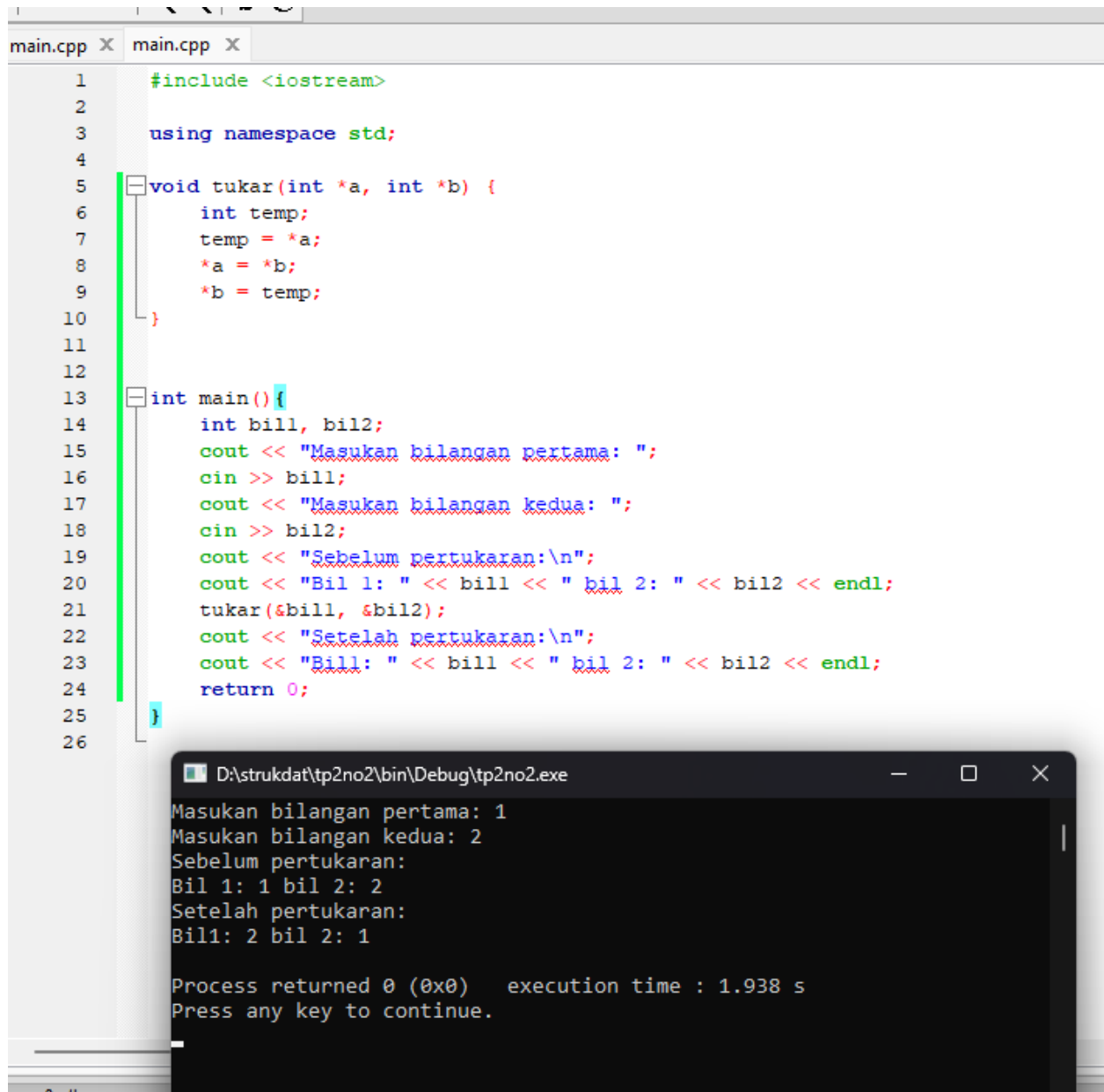
The image shows a C++ IDE with a file named `main.cpp`. The code defines a function `kendaraan` that calculates the number of vehicles based on capacity and passenger count. The `main` function prompts the user for capacity and passenger count, then calls the `kendaraan` function and displays the result.

```
1  #include <iostream>
2
3  using namespace std;
4
5  int kendaraan(int kapasitas_kendaraan, int jumlah_penumpang){
6      int jumlah;
7      jumlah = jumlah_penumpang / kapasitas_kendaraan;
8      if (jumlah_penumpang % kapasitas_kendaraan > 0) {
9          jumlah++;
10     }
11     return jumlah;
12 }
13
14 int main() {
15     int kap_kendaraan, jum_penumpang, banyak_kendaraan;
16     cout << "Masukan kapasitas kendaraan: ";
17     cin >> kap_kendaraan;
18     cout << "Masukan jumlah penumpang: ";
19     cin >> jum_penumpang;
20     banyak_kendaraan = kendaraan(kap_kendaraan, jum_penumpang);
21     cout << "Banyak kendaraan yang disewa " << banyak_kendaraan << endl;
22     return 0;
23 }
24
```

A terminal window titled `D:\strukdat\tp2no1\bin\Debug\tp2no1.exe` shows the program's execution. It prompts for capacity and passenger count, and displays the result.

```
Masukan kapasitas kendaraan: 45
Masukan jumlah penumpang: 50
Banyak kendaraan yang disewa 2

Process returned 0 (0x0)   execution time : 3.340 s
Press any key to continue.
```



The image shows a C++ IDE with two windows. The top window, titled 'main.cpp', contains the following code:

```
1  #include <iostream>
2
3  using namespace std;
4
5  void tukar(int *a, int *b) {
6      int temp;
7      temp = *a;
8      *a = *b;
9      *b = temp;
10 }
11
12
13 int main(){
14     int bil1, bil2;
15     cout << "Masukan bilangan pertama: ";
16     cin >> bil1;
17     cout << "Masukan bilangan kedua: ";
18     cin >> bil2;
19     cout << "Sebelum pertukaran:\n";
20     cout << "Bil 1: " << bil1 << " bil 2: " << bil2 << endl;
21     tukar(&bil1, &bil2);
22     cout << "Setelah pertukaran:\n";
23     cout << "Bil1: " << bil1 << " bil 2: " << bil2 << endl;
24     return 0;
25 }
26
```

The bottom window, titled 'D:\strukdat\tp2no2\bin\Debug\tp2no2.exe', shows the program's output:

```
Masukan bilangan pertama: 1
Masukan bilangan kedua: 2
Sebelum pertukaran:
Bil 1: 1 bil 2: 2
Setelah pertukaran:
Bil1: 2 bil 2: 1

Process returned 0 (0x0)   execution time : 1.938 s
Press any key to continue.
```

The image shows a C++ IDE with a code editor and a console window. The code editor displays a C++ program in `main.cpp` with line numbers 1 through 16. The program includes `<iostream>`, uses the `std` namespace, and defines a `main` function. Inside `main`, an integer array `bil` of size 10 is declared and initialized with values 1, 4, and 5 at indices 0, 1, and 2 respectively. The program then prints each element on a new line and finally prints the sum of the first three elements (1 + 4 + 5 = 10). The console window, titled `D:\strukdat\tp2no3\bin\Debug\tp2no3.exe`, shows the output: 1, 4, 5, 10, followed by the message "Process returned 0 (0x0) execution time : 0.018 s Press any key to continue."

```
1  #include <iostream>
2
3  using namespace std;
4
5  int main() {
6      int bil[10];
7      bil[0] = 1;
8      bil[1] = 4;
9      bil[2] = 5;
10     cout << bil[0] << endl;
11     cout << bil[1] << endl;
12     cout << bil[2] << endl;
13     cout << bil[0] + bil[1] + bil[2] << endl;
14     return 0;
15 }
16
```

D:\strukdat\tp2no3\bin\Debug\tp2no3.exe

1  
4  
5  
10

Process returned 0 (0x0) execution time : 0.018 s  
Press any key to continue.