

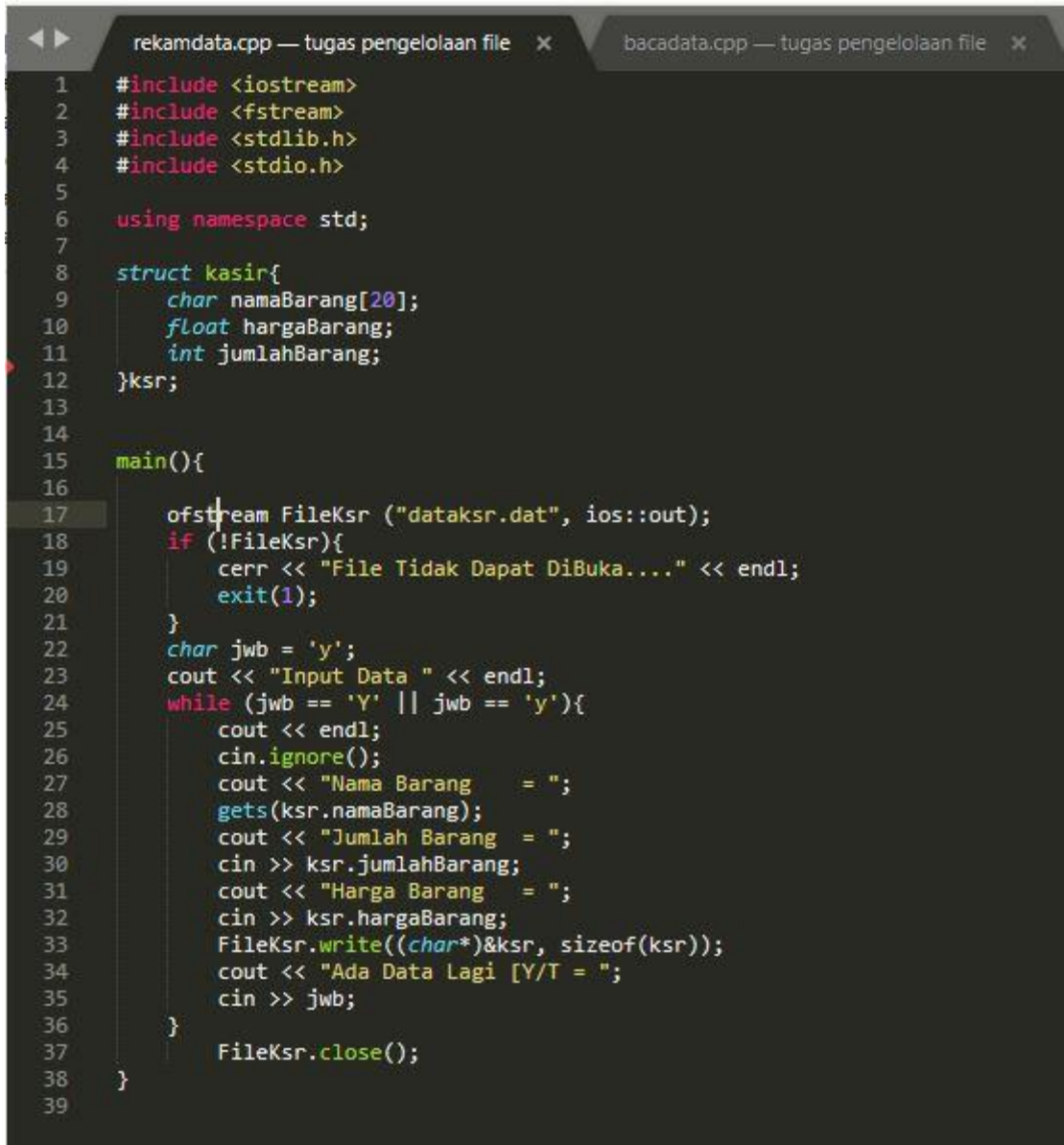
Nama : Ivan Andri Wahyudi

Npm : 203510197

1. Kasus

Program Kasir

2. Rekam Data

The image shows a code editor with two tabs: 'rekamdata.cpp — tugas pengelolaan file' and 'bacadata.cpp — tugas pengelolaan file'. The 'rekamdata.cpp' tab is active, displaying the following C++ code:

```
1  #include <iostream>
2  #include <fstream>
3  #include <stdlib.h>
4  #include <stdio.h>
5
6  using namespace std;
7
8  struct kasir{
9      char namaBarang[20];
10     float hargaBarang;
11     int jumlahBarang;
12 }ksr;
13
14
15 main(){
16
17     ofstream FileKsr ("dataksr.dat", ios::out);
18     if (!FileKsr){
19         cerr << "File Tidak Dapat DiBuka...." << endl;
20         exit(1);
21     }
22     char jwb = 'y';
23     cout << "Input Data " << endl;
24     while (jwb == 'Y' || jwb == 'y'){
25         cout << endl;
26         cin.ignore();
27         cout << "Nama Barang    = ";
28         gets(ksr.namaBarang);
29         cout << "Jumlah Barang  = ";
30         cin >> ksr.jumlahBarang;
31         cout << "Harga Barang   = ";
32         cin >> ksr.hargaBarang;
33         FileKsr.write((char*)&ksr, sizeof(ksr));
34         cout << "Ada Data Lagi [Y/T = ";
35         cin >> jwb;
36     }
37     FileKsr.close();
38 }
39
```

3. Baca Data

```
rekamdata.cpp — tugas pengelolaan file  X  bacadata.cpp — tugas pengelolaan file
4  #include <string.h>
5  #include <iomanip>
6
7  using namespace std;
8
9  void infoKsr();
10
11 struct dataksr{
12     char namaBarang[20];
13     float hargaBarang;
14     int jumlahBarang;
15 }ksr;
16
17 main(){
18     ifstream ksrFile ("dataksr.dat", ios::in);
19     if (!ksrFile){
20         cerr << "File Could Not Be Opened " << endl;
21         exit(1);
22     }
23     cout << "-----" << endl;
24     cout << setiosflags (ios::left) << setw(5) << "No."
25     << setw(15) << "Nama Barang "
26     << setw(17) << "jumlah Barang"
27     << setw(16) << "Harga Barang"
28     << setw(17) << "Total" << endl;
29     cout << "-----" << endl;
30
31     ksrFile.read((char *)&ksr, sizeof(ksr));
32     while (!ksrFile.eof()){
33         infoKsr();
34         ksrFile.read((char *)&ksr, sizeof(ksr));
35     }
36     cout << "-----" << endl;
37     ksrFile.close();
38 }
39
40 int no = 0;
41 float total;
42 void infoKsr(){
43     no ++;
44     total = ksr.jumlahBarang * ksr.hargaBarang;
45
46     cout << setiosflags(ios::left) << no << setw(4) << "."
47     << setw(16) << ksr.namaBarang
48     << setw(16) << ksr.jumlahBarang
49     << setw(16) << ksr.hargaBarang
50     << setw(16) << total << endl;
```

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4. Running Rekam Data

```
C:\Windows\system32\cmd.exe

D:\KULIAH\SEMESTER 2\PEMROGRAMAN 2\tugas pengelolaan file>
Input Data

Nama Barang      = Beras
Jumlah Barang    = 2
Harga Barang     = 220000
Ada Data Lagi [Y/T = y

Nama Barang      = Minyak Goreng
Jumlah Barang    = 5
Harga Barang     = 15000
Ada Data Lagi [Y/T = y

Nama Barang      = Telur
Jumlah Barang    = 2
Harga Barang     = 45000
Ada Data Lagi [Y/T = y

Nama Barang      = Mie
Jumlah Barang    = 1
Harga Barang     = 100000
Ada Data Lagi [Y/T = t
```

5. Running Baca Data

```
C:\Windows\system32\cmd.exe

D:\KULIAH\SEMESTER 2\PEMROGRAMAN 2\tugas pengelolaan file>bacadata
-----
No.  Nama Barang    jumlah Barang    Harga Barang    Total
-----
1.   Beras          2                220000          440000
2.   Minyak Goreng  5                15000           75000
3.   Telur           2                45000           90000
4.   Mie             1                100000          100000
-----
< set
< set D:\KULIAH\SEMESTER 2\PEMROGRAMAN 2\tugas pengelolaan file>
< set
< set
```