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1. Kasus

   Program Kasir

2. Rekam Data

rekamdata.cpp — tugas pengelolaan file | bacadata.cpp — tugas pengelolaan file

```cpp
#include <iostream>
#include <fstream>
#include <stdlib.h>
#include <stdio.h>

using namespace std;

struct kasir{
    char namaBarang[20];
    float hargaBarang;
    int jumlahBarang;
}ksr;


main(){

    ofstream FileKsr ("dataksr.dat", ios::out);
    if (!FileKsr){
        cerr << "File Tidak Dapat DiBuka...." << endl;
        exit(1);
    }
    char jwb = 'y';
    cout << "Input Data " << endl;
    while (jwb == 'Y' || jwb == 'y'){
        cout << endl;
        cin.ignore();
        cout << "Nama Barang    = ";
        gets(ksr.namaBarang);
        cout << "Jumlah Barang  = ";
        cin >> ksr.jumlahBarang;
        cout << "Harga Barang   = ";
        cin >> ksr.hargaBarang;
        FileKsr.write((char*)&ksr, sizeof(ksr));
        cout << "Ada Data Lagi [Y/T = ";
        cin >> jwb;
    }
        FileKsr.close();
}
```

3. Baca Data

rekamdata.cpp — tugas pengelolaan file
bacadata.cpp — tugas pengelolaan file
#include <string.h>
#include <iomanip>
using namespace std;
void infoKsr();
struct dataksr{
char namaBarang[20];
float hargaBarang;
int jumlahBarang;
}ksr;
main(){
ifstream ksrFile ("dataksr.dat", ios::in);
if (!ksrFile){
cerr << "File Could Not Be Opened " << endl;
exit(1);
}
cout <<"----------"<<endl;
cout << setiosflags (ios:: left) << setw(5) << "No."
<< setw(15) << "Nama Barang "
<< setw(17) << "jumlah Barang"
<< setw(16) << "Harga Barang"
<< setw(17) << "Total" << endl;
cout <<"----------"<<endl;
ksrFile.read((char *)&ksr, sizeof(ksr));
while (!ksrFile.eof()){
infoKsr();
ksrFile.read((char *)&ksr, sizeof(ksr));
}
cout <<"----------"<<endl;
ksrFile.close();
}
int no = 0;
float total;
void infoKsr(){
no ++;
total = ksr.jumlahBarang * ksr.hargaBarang;
cout << setiosflags(ios::left) << no << setw(4) << "."
<<setw(16) << ksr.namaBarang
<<setw(16) << ksr.jumlahBarang
<<setw(16) << ksr.hargaBarang
<<setw(16) << total << endl;
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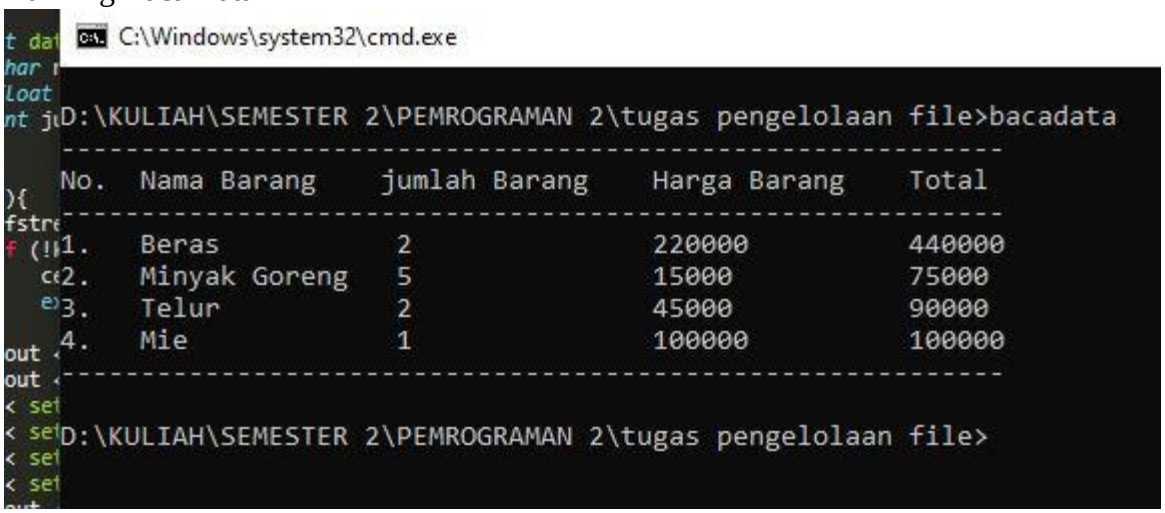
e 4, Column 6

4. Running Rekam Data

5. Running Baca Data