

Source Code:

```
#include <iostream>
#include <string>

using namespace std;

struct dataBuku
{
    string idBuku;
    string namaBuku;
    string hargaBuku;
};

int main()
{
    int arraySize = 10;

    dataBuku arrayBuku[arraySize];
    arrayBuku[0] = {"101", "C++", "5000"};
    arrayBuku[1] = {"102", "Java", "10000"};
    arrayBuku[2] = {"103", "PHP", "6000"};

    char tab = '\t';
    int choice;

    cout << "|=====|" << endl;
    cout << "|          MENU          |" << endl;
    cout << "|=====|" << endl;
    << endl;
    cout << "1. Tambah data buku" << endl;
    cout << "2. Cetak data buku" << endl;
    cout << "3. Ubah harga buku" << endl;
    cout << "4. Keluar" << endl;
    << endl;

    cout << "Pilih menu : ";
    cin >> choice;
    cout << endl;

    if (choice == 1)
    {
        string tempID, tempHarga;
        string tempNama;

        cout << "ID Buku : ";
        cin >> tempID;
        cout << "Nama Buku : ";
        cin >> tempNama;
        cout << "Harga Buku : ";
        cin >> tempHarga;

        arrayBuku[3].idBuku = tempID;
        arrayBuku[3].namaBuku = tempNama;
        arrayBuku[3].hargaBuku = tempHarga;

        cout << "\nData berhasil ditambah!" << endl;
        cout << "\nNo.\tID Buku\t\tNama Buku\tHarga Buku" << endl;
        for (int j = 0; j < 4; j++)
```

```

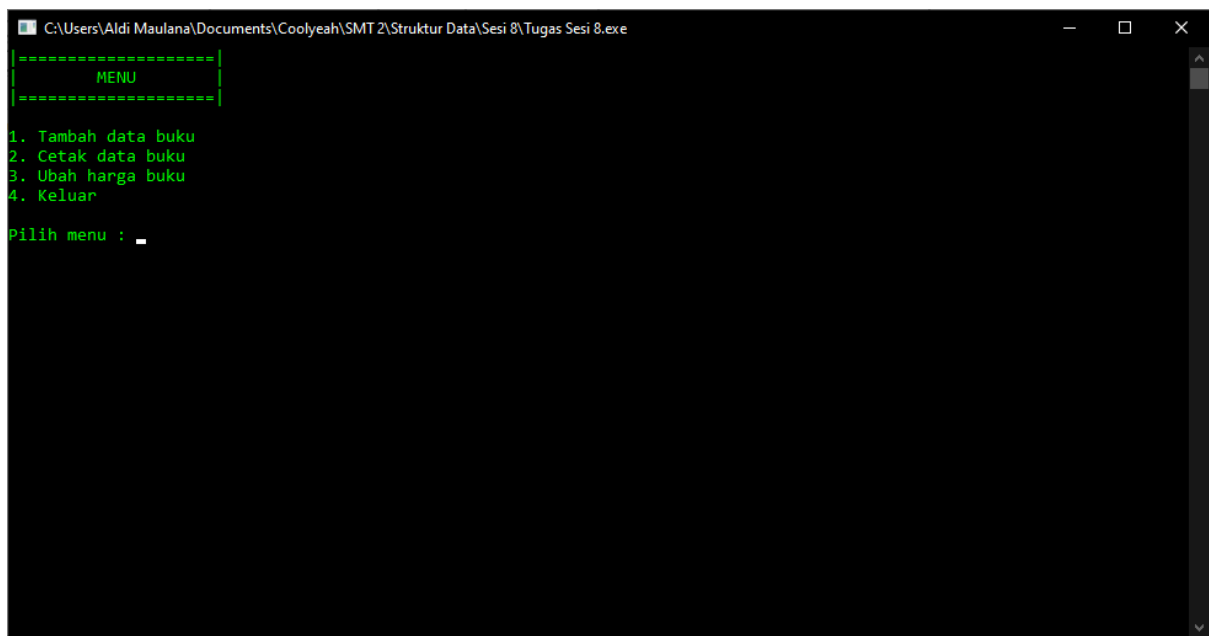
        {
            cout << j + 1 << tab << arrayBuku[j].idBuku << tab
<< tab << arrayBuku[j].namaBuku << tab << tab << "Rp." <<
arrayBuku[j].hargaBuku << endl;
        }
    }
    else if (choice == 2)
    {
        cout << "No.\tID Buku\t\tNama Buku\tHarga Buku" << endl;

        for (int j = 0; j < 3; j++)
        {
            cout << j + 1 << tab << arrayBuku[j].idBuku << tab
<< tab << arrayBuku[j].namaBuku << tab << tab << "Rp." <<
arrayBuku[j].hargaBuku << endl;
        }
    }
    else if (choice == 3)
    {
        string idChange, hargaSblm, hargaStlh;
        cout << "Masukkan ID Buku : ";
        cin >> idChange;
        cout << "Masukkan harga baru : ";
        cin >> hargaStlh;

        for (int j = 0; j < 3; j++)
        {
            if (arrayBuku[j].idBuku == idChange)
            {
                hargaSblm = arrayBuku[j].hargaBuku;
                arrayBuku[j].hargaBuku = hargaStlh;
                cout << "\nID buku    : " <<
arrayBuku[j].idBuku << endl;
                cout << "Nama buku : " <<
arrayBuku[j].namaBuku << endl;
                cout << "Harga sebelum diubah : Rp " <<
hargaSblm << endl;
                cout << "Harga setelah diubah : Rp " <<
hargaStlh << endl;
            }
        }
    }
    else
    {
        return 0;
    }
}

```

Result:



```
C:\Users\Aldi Maulana\Documents\Coolyeah\SMT 2\Struktur Data\Sesi 8\Tugas Sesi 8.exe

|=====|
|      MENU      |
|=====|

1. Tambah data buku
2. Cetak data buku
3. Ubah harga buku
4. Keluar

Pilih menu : _
```

https://drive.google.com/file/d/1wtVxmZ9rOlGhGmk-14mr_B9KGVs6cHkK/view?usp=sharing – Untuk Test