

```

#include<iostream>
#include<fstream>
#include<string>
using namespace std;
struct SinhVien
{
    string MaSV, Hoten;
    int Namsinh;
};
int main()
{
    SinhVien *SV;
    int n, InNamsinh;
    string Ma, InMa, InHoten;
    do
    {
        cout << "Nhap so sinh vien: ";
        cin >> n;
        if (n<1 || n>10)
            cout << "Nhap sai, nhap lai\n";
    }while(n<1 || n>10);
    SV = new SinhVien[n];
    ofstream oFile;
    oFile.open("D:\\BT10.txt",ios::out);
    if(oFile.is_open())
    {
        for (int i=0; i<n; i++)
        {
            cout << "\nNhap sinh vien thu " << i+1 << ":";
            cout << "\nMa so: "; cin >> SV[i].MaSV;
            cin.ignore();
            cout << "\nHo ten: "; getline(cin, SV[i].Hoten);
            cout << "\nNam sinh: "; cin >> SV[i].Namsinh;
            cin.ignore();
            oFile << SV[i].MaSV << endl;
            oFile << SV[i].Hoten << endl;
            oFile << SV[i].Namsinh << endl;
        }
        oFile.close();
    }
}

```

```

cout << "Nhap Ma sinh vien : ";
cin >> Ma;
ifstream iFile;
iFile.open("D:\\BT10.txt", ios::in);
if(iFile.is_open())
{
    while(!iFile.eof())
    {
        iFile>>InMa;
        iFile.ignore();
        getline(iFile, InHoten);
        iFile >> InNamsinh;
        iFile.ignore();
        if(InMa==Ma)
        {
            cout << "\\NMa Sinh vien: " << InMa;
            cout << "\\nHo ten: " << InHoten;
            cout << "\\nNam sinh: " << InNamsinh;
            cout << endl;
            break;
        }
    }
    iFile.close();
}
else
    cout << "Mo File khong thanh cong\n";
delete []SV;
SV = NULL;
system("pause");
return 0;
}

```