

## Source Code

```
#include <iostream>
#include <conio.h>

using namespace std;

int main()
{
    int dataArray[3][3] = {
        {16, 31, 12},
        {10, 15, 18},
        {15, 24, 10}
    };

    int searchData, indexOne, indexTwo;
    char choose;
    bool flag = false;
    bool active = true;

    while(active)
    {
        cout<<"Search Data : ";
        cin>>searchData;

        for (int i = 0; i < 3; ++i)
        {
            for (int j = 0; j < 3; ++j)
            {
                if (dataArray[i][j] == searchData)
                {
                    flag = true;
                    indexOne = i + 1;
                    indexTwo = j + 1;
                }
            }
        }

        if (flag) {
            cout<<"Data Ditemukan! Data Berada di Index["<<indexOne<<"]["<<indexTwo<<"]"<<endl;
        } else {
```

```
        cout<<"Data Tidak Ditemukan!"<<endl;
    }

    cout<<endl;

    cout<<"Try Again?(Y/N) : ";
    cin>>choose;

    cout<<endl;

    if (choose == 'n' || choose == 'N') {
        return 0;
    }

}

return 0;
```

Output:

```
"C:\Users\Aldi Maulana\Documents\Coolyeah\SMT 2\Struktur Data\Sesi 4\sesi_4.exe"
Search Data : 12
Data Ditemukan! Data Berada di Index[1][3]

Try Again?(Y/N) : Y

Search Data : 24
Data Ditemukan! Data Berada di Index[3][2]

Try Again?(Y/N) : N

Process returned 0 (0x0)   execution time : 17.822 s
Press any key to continue.
```