

Tugas

1. Notasi Algoritma

//judul : Membuat program deteksi prodi mahasiswa

//kamus

String Fak

String Nim

//Deskripsi

Output → latihan switch case

Output → Masukkan fakultas anda

Output → A = FIK

Output → B = FEB

Output → Masukkan Huruf A,B

Input → cin>> fak;

Switch fak

Case 'A'

Output → Anda memilih Fakultas Ilmu Komputer

If fak = 'A' then

Output →Pilih Prodimu!!

Output →Masukkan NIM anda

Input →nim

Input →nim

if nim == "A11" or nim== "a11" then

Output → Kamu Prodi S1 Teknik Informatika

else if nim == "A21" or nim== "a21"

Output → Kamu Prodi D3 Sistem Informasi

break

case 'B'

Output → Anda memilih Fakultas Ekonomi dan Bisnis

If fak = 'B'

Output → Masukkan NIM anda

Input → nim

Output → nim

if nim == "B11" or nim== "b11" then

Output → Kamu Prodi Manajemen

else if nim == "B21" or nim== "b12"

Output → Kamu Prodi Akutansi

else

Output → ERRORRRRRRR

break;

2. Coding

/*judul = Buatlah program deteksi prodi mahasiswa berdasarkan NIM dengan ketentuan:

A11 = FIK S1 Teknik Informatika

A21 = FIK D3 Manajemen Informatika

B11 = FEB S1 Manajemen

B21 = FEB D3 Akutansi

Nama = Isa Iant Maulana

NIM = A11.2022.14416

Tanggal = 4 10 22 */

#include <iostream>

using namespace std;

//kamus

char fak;

string nim;

//deskripsi

int main()

{

```

cout << " latihan switch case" << endl;
cout << "Masukkan fakultas anda" << endl;
cout << " A = FIK " << endl;
cout << " B = FEB " << endl;
cout << "Masukkan Huruf A,B : "; cin >> fak;

switch (toupper(fak))
{

    case 'A':

        {
            cout << " Anda memilih Fakultas Ilmu Komputer" << endl;
            if(fak = 'A')
            {

                cout << " Pilih Prodimu!! " << endl;
                cout << " Masukkan NIM anda " << endl;
                cin >> nim;
                cout << nim << endl;

                if ((nim == "A11" ) or (nim == "a11"))
                {
                    cout << " Kamu Prodi S1 Teknik Informatika";
                }

                else if ((nim == "A21" ) or (nim == "a21"))
                {
                    cout << " Kamu Prodi D3 Sistem Informasi";
                }
            }
        }
    }
}

```

```
}
```

```
}
```

```
break;
```

```
}
```

```
case 'B':
```

```
{
```

```
    cout << "Anda memilih Fakultas Ekonomi dan Bisnis" << endl;
```

```
    if(fak = 'B')
```

```
{
```

```
    cout << "Masukkan NIM anda : " << endl;
```

```
    cin >> nim;
```

```
    cout << nim << endl;
```

```
    if ((nim == "B11" ) or (nim== "b11"))
```

```
    {
```

```
        cout << " Kamu Prodi Manajemen";
```

```
    }
```

```
    else if ((nim == "B21" ) or (nim== "b12"))
```

```
    {
```

```
cout << " Kamu Prodi Akutansi";
```

```
}
```

```
else
```

```
{
```

```
    cout << "ERRORRRRRRRRRR";
```

```
}
```

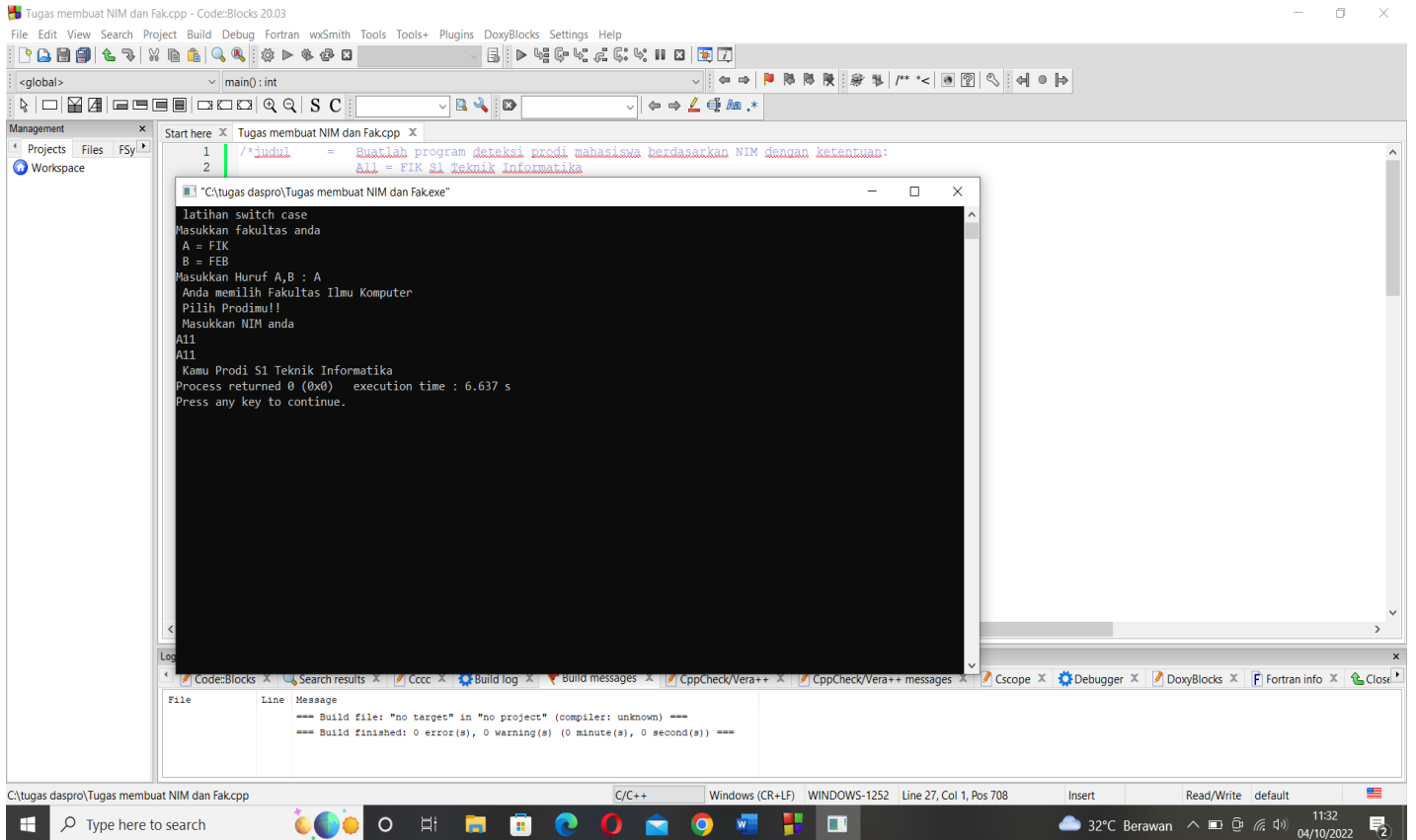
```
}
```

```
break;
```

```
}
```

```
}
```

```
}
```



3. Run hasil coding

