CODINGAN :

```cpp
//JUDUL Mendeteksi Fakultas Dan Prodi Melalui NIM
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#include <iostream>
using namespace std;

//KAMUS
char nim [20];

int main()
{
    cout << "Input Nilai Induk Mahasiswa" << endl;

        cout << "Masukkan NIM : "; cin >> nim ;

        switch (toupper(nim[0]))
        {
            case 'A' :
            {
                cout << "Fakultas Ilmu Komputer" << endl;
                switch (toupper(nim[1]))
                {
                case '1' :
                    {
                    cout << "Jenjang S1" << endl;
                    switch(toupper(nim[2]))
                    {
                    case '1' :
                        {
```

```cpp
        cout << "Program Studi Teknik Informatika" << endl;

        break;

      }

      case '2' :

      {

        cout << "Program Studi Sistem Informasi" << endl;

        break;

      }

      case '4' :

      {

        cout << "Program Studi Desain Komunikasi Visual" << endl;

        break;

      }

      case '5' :

      {

        cout << "Program Studi Ilmu Komunikasi" << endl;

        break;

      }

      default :

      {

        cout << "Tidak Ada" << endl;

        break;

      }

    }

    break;

  }

case '2' :

  {

    cout << "Jenjang D3" << endl;

    switch(toupper(nim[2]))

    {
```

```cpp
                case '1' :
                    {
                        cout << "Program Studi Teknik Informatika" << endl;
                        break;
                    }
                case '2' :
                    {
                        cout << "Program Studi Sistem Informasi" << endl;
                        break;
                    }
                default :
                    {
                        cout << "Tidak Ada" << endl;
                        break;
                    }
                }
            }
        }
    }
    break;
}
switch (toupper(nim[0]))
{
    case 'B' :
    {
        cout << "Fakultas Ekonomi Dan Bisnis" << endl;
        switch (toupper(nim[1]))
        {
        case '1' :
            {
                cout << "Jenjang S1" << endl;
```

```cpp
        switch(toupper(nim[2]))
        {
        case '1' :
         {
            cout << "Program Manajemen" << endl;
            break;
         }
        case '2' :
         {
            cout << "Program Akuntansi" << endl;
            break;
         }
        default :
         {
            cout << "Tidak Ada" << endl;
            break;
         }
        }
        break;
    }
case '2' :
  {
     cout << "Jenjang D3" << endl;
     switch(toupper(nim[2]))
     {
     case '1' :
       {
          cout << "Program Studi Manajemen" << endl;
          break;
       }
     case '2' :
```

```cpp
            {
                cout << "Program Studi Akuntansi" << endl;
                break;
            }
        default :
            {
                cout << "Tidak Ada" << endl;
                break;
            }
        }
    }
}
}

}
```