

1. Latihan Melengkapi Script

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package kelassmif;

import java.util.Scanner;

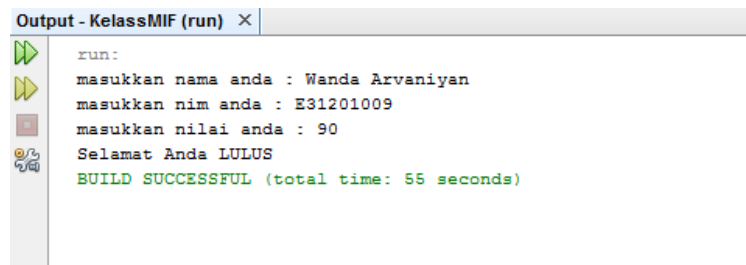
/**
 *
 * @author wanda
 */
public class StrukturKondisi {
    public static void main(String[] args) {
        // scanner
        Scanner inp = new Scanner(System.in);

        // input nama
        System.out.print("masukkan nama anda : ");
        String nama = inp.nextLine();

        // input nim
        System.out.print("masukkan nim anda : ");
        String nim = inp.nextLine();

        // input nilai
        System.out.print("masukkan nilai anda : ");
        int nilai = inp.nextInt();

        if (nilai > 70 ) {
            System.out.println("Selamat Anda LULUS");
        } else {
            System.out.println("Anda TIDAK LULUS");
        }
    }
}
```



```
Output - KelassMIF (run) ×
run:
masukkan nama anda : Wanda Arvaniyan
masukkan nim anda : E31201009
masukkan nilai anda : 90
Selamat Anda LULUS
BUILD SUCCESSFUL (total time: 55 seconds)
```

2. Latihan membuat script program yang menerima input data integer dan outputnya berupa nilai huruf

```
/*
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 */
package kelassmif;

import java.util.Scanner;

/**
 *
 * @author wanda
 */
public class StrukturKondisi {
    public static void main(String[] args) {
        // scanner
        Scanner inp = new Scanner(System.in);

        // input nama
        System.out.print("masukkan nama anda : ");
        String nama = inp.nextLine();

        // input nim
        System.out.print("masukkan nim anda : ");
        String nim = inp.nextLine();

        // input nilai
        System.out.print("masukkan nilai anda : ");
        int nilai = inp.nextInt();

        if (nilai <= 100 ) {
            System.out.println("A");
        }else if (nilai <= 90) {
            System.out.println("B");
        }else if (nilai <= 80) {
            System.out.println("C");
        }else if (nilai <= 70) {
            System.out.println("D");
        }
    }
}
```

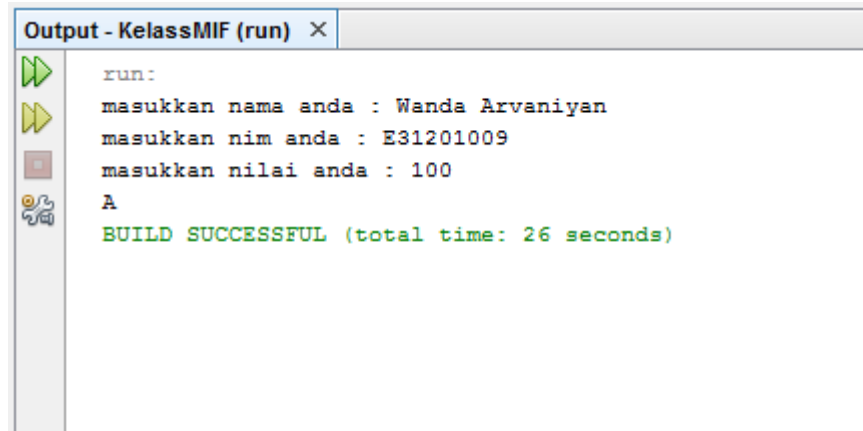
```

    }

}

}

```



```

run:
masukkan nama anda : Wanda Arvaniyan
masukkan nim anda : E31201009
masukkan nilai anda : 100
A
BUILD SUCCESSFUL (total time: 26 seconds)

```

3. Latihan membuat Script program yang menerima input nama , jenis kelamin, tinggi badan. Outputnya harus “Selamat Anda LULUS” atau “Anda GAGAL”

```
/*
```

```
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```

```
 * To change this template file, choose Tools | Templates
```

```
 * and open the template in the editor.
```

```
*/
```

```
package kelasmif;
```

```
import java.util.Scanner;
```

```
/**
```

```
 *
```

```
 * @author wanda
```

```
 */
```

```
public class IfInIf {
```

```
    public static void main (String[] args) {
```

```
        // scanner
```

```
        Scanner input = new Scanner(System.in);
```

```
        // input nama
```

```
        System.out.println("Nama : ");
```

```
        String nama = input.nextLine();
```

```

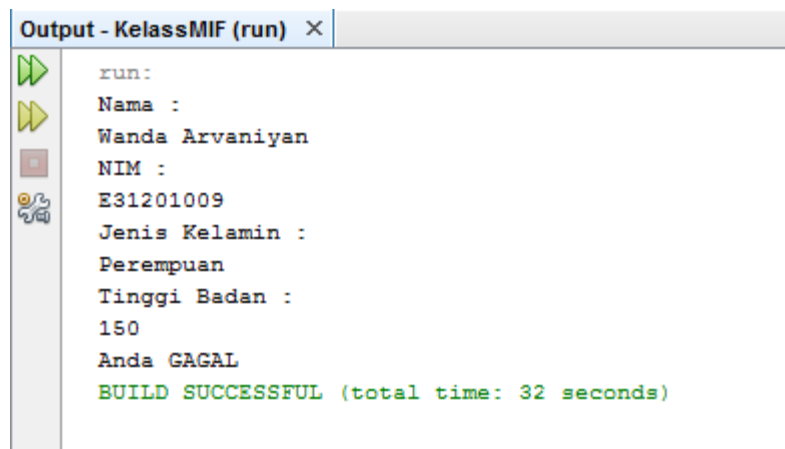
// input nim
System.out.println("NIM : ");
String nim = input.nextLine();

// input jenis kelamin
System.out.println("Jenis Kelamin : ");
String jenis = input.nextLine();

// input nilai
System.out.println("Tinggi Badan : ");
int tinggi = input.nextInt();

if (jenis == "Laki-Laki") {
    if (tinggi > 170 && tinggi <= 250 ) {
        System.out.println("Selamat Anda LULUS");
    }else {
        System.out.println("Anda GAGAL");
    }
} else{
    if (tinggi > 160 && tinggi <= 250) {
        System.out.println("Selamat Anda LULUS");
    }else {
        System.out.println("Anda GAGAL");
    }
}
}
}
}

```



```

Output - KelasMIF (run) ×
run:
Nama :
Wanda Arvaniyan
NIM :
E31201009
Jenis Kelamin :
Perempuan
Tinggi Badan :
150
Anda GAGAL
BUILD SUCCESSFUL (total time: 32 seconds)

```

4. Latihan Percabangan *Switch/Case*

```
/*
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 */
package kelassmif;

import java.util.Scanner;

/**
 *
 * @author wanda
 */
public class Switch {
    public static void main(String[] args){
        // scanner
        Scanner input = new Scanner(System.in);

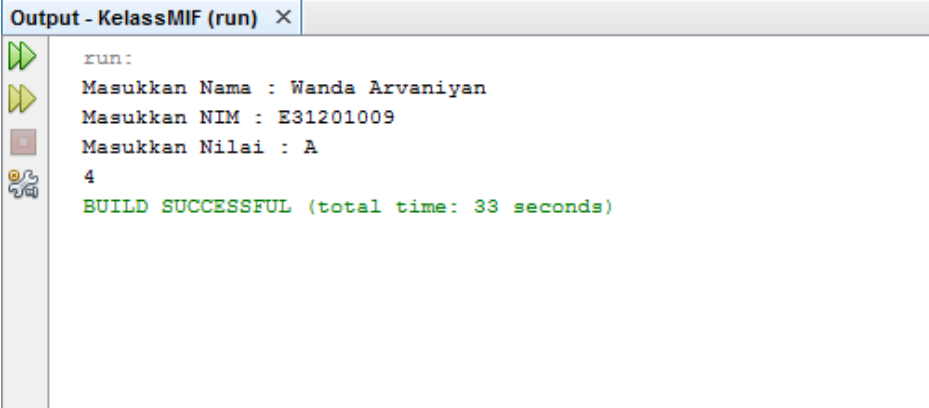
        // input nama
        System.out.print("Masukkan Nama : ");
        String nama = input.nextLine();

        // input nim
        System.out.print("Masukkan NIM : ");
        String nim = input.nextLine();

        // input nilai
        System.out.print("Masukkan Nilai : ");
        String huruf = input.nextLine();

        switch (huruf){
            case "A":
                System.out.println("4");
                break;
            case "B":
                System.out.println("3");
                break;
            case "C":
                System.out.println("2");
```

```
        break;
    case "D":
        System.out.println("1");
        break;
    case "E":
        System.out.println("0");
        break;
    default :
        System.out.println("Huruf Tidak Terdaftar");
        break;
    }
}
}
```



```
run:
Masukkan Nama : Wanda Arvaniyan
Masukkan NIM : E31201009
Masukkan Nilai : A
4
BUILD SUCCESSFUL (total time: 33 seconds)
```