Laporan Praktikum ke 3

Percabangan Kondisi IF,ELSE Dan SWITCH

Oleh

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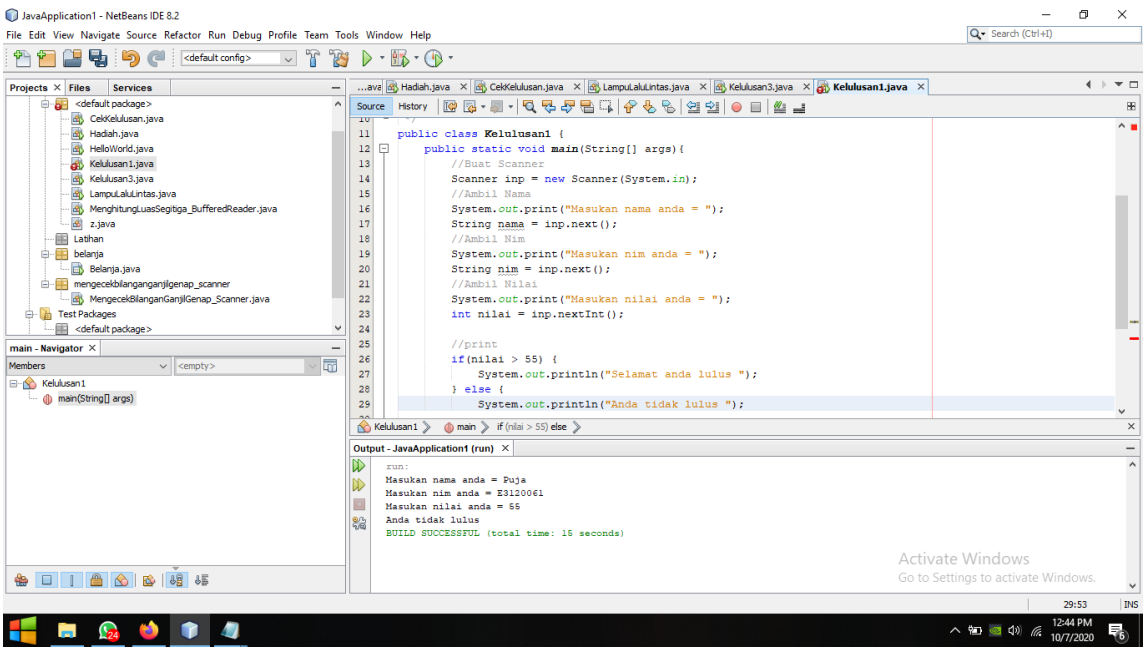
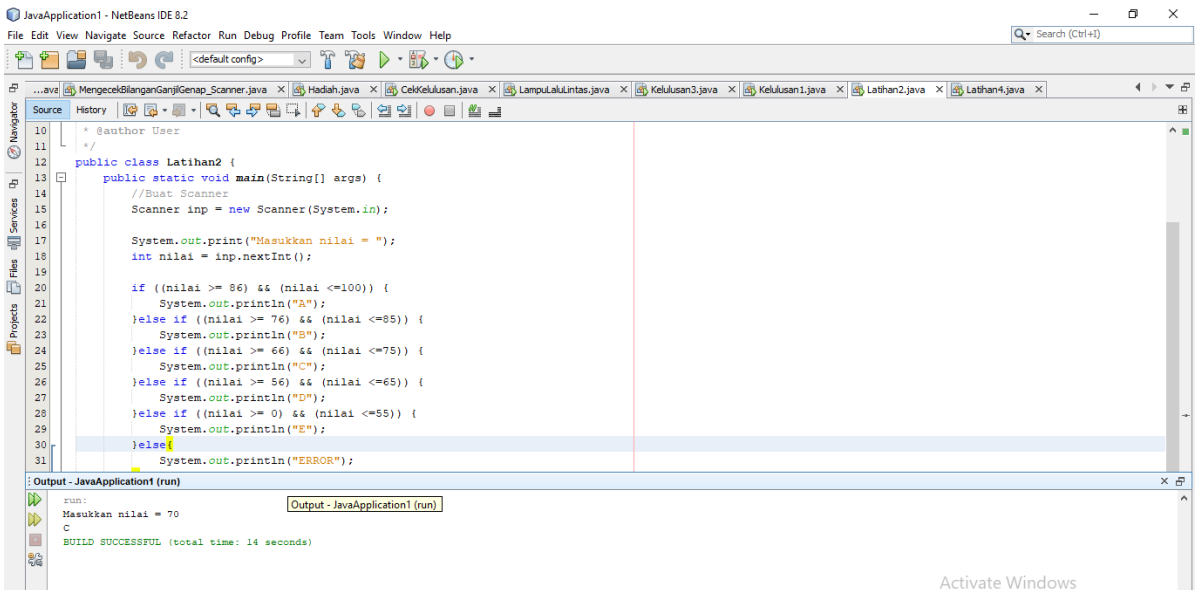
Latihan1 Kelulusan 1(Nilai)

```
public class Kelulusan1 {
    public static void main(String[] args){
        //Buat Scanner
        Scanner inp = new Scanner(System.in);
        //Ambil Nama
        System.out.print("Masukan nama anda = ");
        String nama = inp.next();
        //Ambil Nim
        System.out.print("Masukan nim anda = ");
        String nim = inp.next();
        //Ambil Nilai
        System.out.print("Masukan nilai anda = ");
        int nilai = inp.nextInt();


        //print
        if(nilai > 55) {
            System.out.println("Selamat anda lulus ");
        } else {
            System.out.println("Anda tidak lulus ");
        }
    }
}
```



Latihan 2 Nilai Huruf

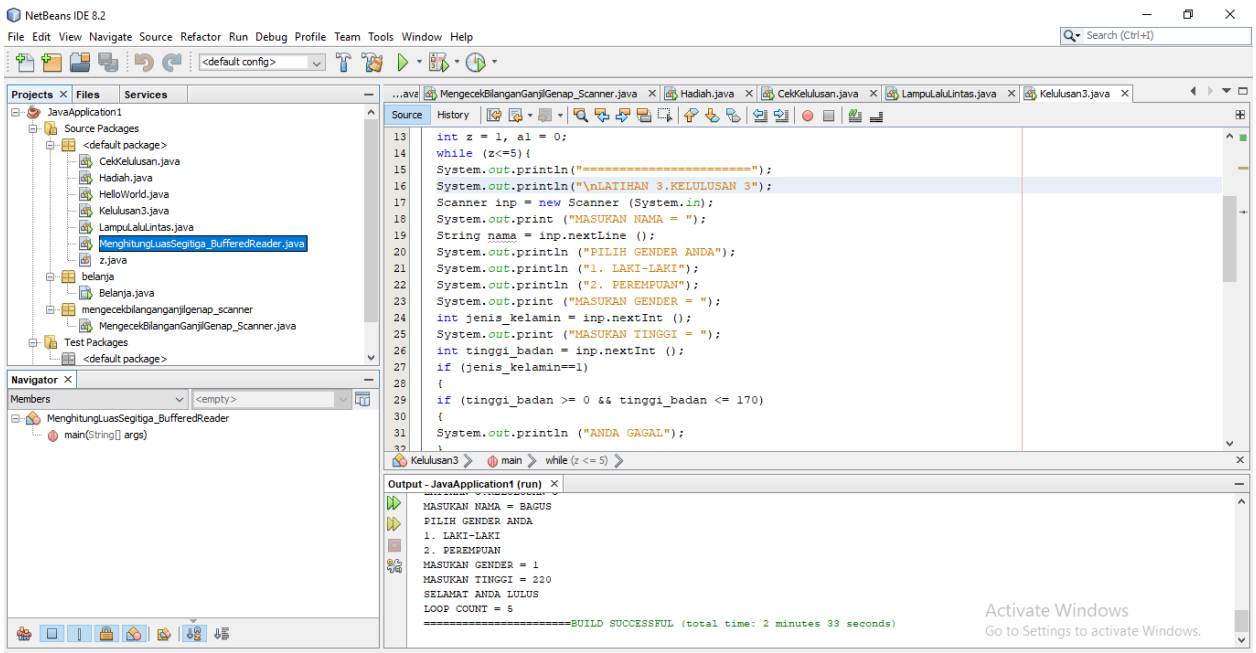
```
public class Latihan2 {
    public static void main(String[] args) {
        //Buat Scanner
        Scanner inp = new Scanner(System.in);

        System.out.print("Masukkan nilai = ");
        int nilai = inp.nextInt();

        if ((nilai >= 86) && (nilai <=100)) {
            System.out.println("A");
        }else if ((nilai >= 76) && (nilai <=85)) {
            System.out.println("B");
        }else if ((nilai >= 66) && (nilai <=75)) {
            System.out.println("C");
        }else if ((nilai >= 56) && (nilai <=65)) {
            System.out.println("D");
        }else if ((nilai >= 0) && (nilai <=55)) {
            System.out.println("E");
        }else{
            System.out.println("ERROR");
        }
}
```



Latihan 3 Kelulusan 2 (Tinggi badan dan Jenis kelamin)

```
public class Kelulusan3 {
   public static void main(String[] args){
int z = 1, a1 = 0;
while (z<=5){
System.out.println("======================");
System.out.println("\nLATIHAN 3.KELULUSAN 3");
Scanner inp = new Scanner (System.in);
System.out.print ("MASUKAN NAMA = ");
String nama = inp.nextLine ();
System.out.println ("PILIH GENDER ANDA");
System.out.println ("1. LAKI-LAKI");
System.out.println ("2. PEREMPUAN");
System.out.print ("MASUKAN GENDER = ");
int jenis_kelamin = inp.nextInt ();
System.out.print ("MASUKAN TINGGI = ");
int tinggi_badan = inp.nextInt ();
if (jenis_kelamin==1)
{
if (tinggi_badan >= 0 && tinggi_badan <= 170)
{
System.out.println ("ANDA GAGAL");
}
else if (tinggi_badan >= 171 && tinggi_badan <= 230)
{
System.out.println ("SELAMAT ANDA LULUS");
}else{
```

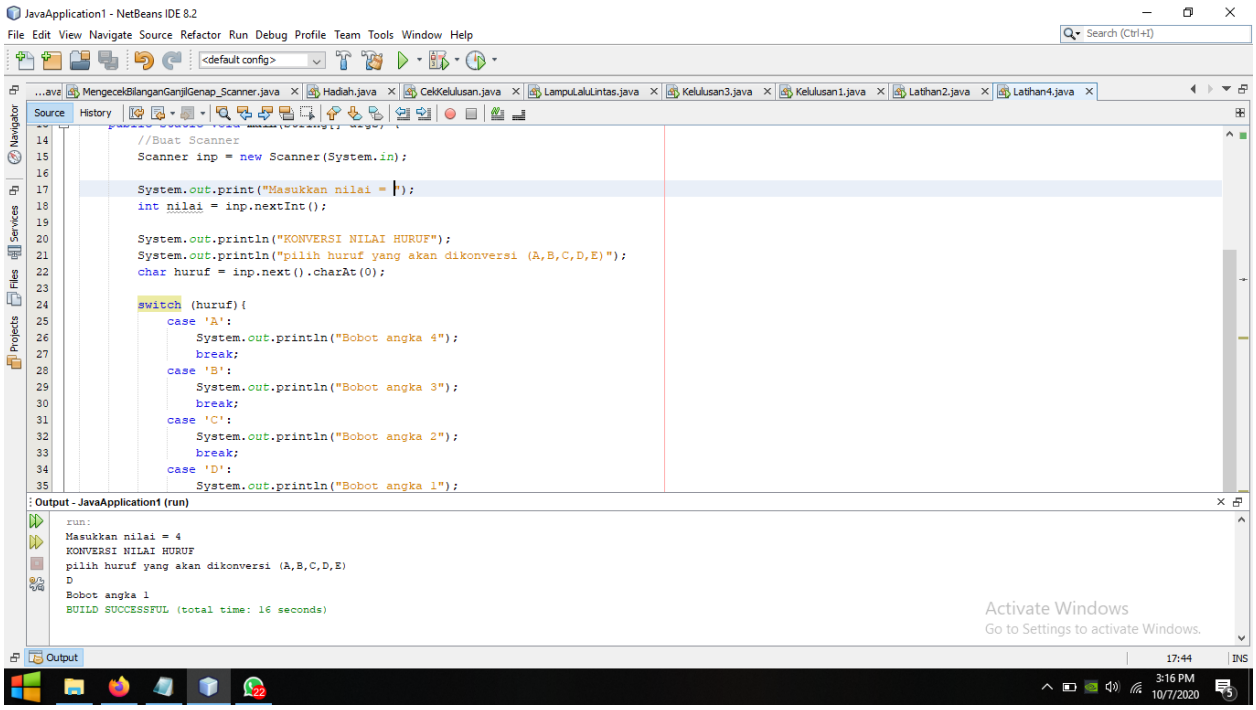
```
System.out.println ("ERROR");
}
}
if (jenis_kelamin==2)
{
if (tinggi_badan >= 0 && tinggi_badan <= 160)
{
System.out.println ("ANDA GAGAL");
}
else if (tinggi_badan >= 161 && tinggi_badan <= 210)
{
System.out.println ("SELAMAT ANDA LULUS");
}else{
System.out.println ("ERROR");
}
}
a1++;
z++;
System.out.println("LOOP COUNT = "+a1);
System.out.print("======================");
}
}
}
}
```



Latihan 4 Bobot Nilai Huruf

```
public class Latihan4 {
    public static void main(String[] args) {
        //Buat Scanner
        Scanner inp = new Scanner(System.in);

        System.out.print("Masukkan nilai = ");
        int nilai = inp.nextInt();

        System.out.println("KONVERSI NILAI HURUF");
        System.out.println("pilih huruf yang akan dikonversi (A,B,C,D,E)");
        char huruf = inp.next().charAt(0);

        switch (huruf){
            case 'A':
                System.out.println("Bobot angka 4");
                break;
            case 'B':
                System.out.println("Bobot angka 3");
                break;
            case 'C':
                System.out.println("Bobot angka 2");
                break;
            case 'D':
                System.out.println("Bobot angka 1");
                break;
            case 'E':
```

```
            System.out.println("Bobot angka 0");
            break;
    }
}
```



Sumber

http://jti.polije.ac.id/elearning/mod/resource/view.php?id=3992

https://www.mahasiswaunusa.com/2018/12/contoh-kode-program-perulangan-pada-java.html

Kesimpulan

Setelah Saya melakukan Praktikum ini saya dapat belajar .Penggunaan percabangan IF , ElSE, Switch

Link Github

https://github.com/E31200061/Laporan-3-Praktikum-Kondisi-IF-ELSE-Dan-SWITCH.git