

Nama : Ade Reiki Karuna

NIM : A12.2020.06455

Mata Kuliah : PBO

Tugas Praktik 4 (Struktur Kendali)

Latihan04a.java

```
C:\Program Files (x86)\Xinox Software\JCreatorV3LE\GE2001.exe
Hitung Tunjangan Anak
=====
Nama      : Ade Reiki Karuna
Anak      : 3
Gaji      : 15000000
Tunj anak : 600000
Total     : 15600000
Press any key to continue...
```

Latihan04b.java

```
C:\Program Files (x86)\Xinox Software\JCreatorV3LE\GE2001.exe
Hitung Total Penjualan
=====
Nama      : Ade Reiki Karuna
Bulan     : Maret

Total Penjualan
Minggu ke- 1 : 500000
Minggu ke- 2 : 1000000
Minggu ke- 3 : 850000
Minggu ke- 4 : 600000
=====
Total      : 2950000
Bonus     : 1475000
Terima    : 4425000
Press any key to continue...
```

Latihan03c.java

Source code tulis tangan :

Ade Peiker Kurnia

No
Date 26 Maret 2022

Latihan 04c.java

// penghitung nilai kelulusan

import java.util.Scanner;

```
public class Latihan04c {  
    public static void main (String [] args)
```

```
{  
    // deklarasi variabel
```

```
    String nama, n-huruf;  
    int nilai;
```

```
    Scanner oscan01 = new Scanner (System.in);
```

```
    System.out.println ("Data Test");
```

```
    System.out.println ("=====");
```

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

```
System.out.pr
```

```
    nama = oscan01.nextLine();
```

```
    System.out.print ("Program Studi:");
```

```
    nama = oscan01.nextLine();
```

```
    System.out.print ("Nilai :");
```

```
    nilai = oscan01.nextInt();
```

```
    // hitung nilai huruf
```

```
    if (nilai >= 85)
```

```
        n-huruf = "A";
```

```
    else if (nilai >= 70)
```

```
        n-huruf = "B";
```

```
    else if (nilai >= 60)
```

```
        n-huruf = "C";
```

```
    else if (nilai >= 50)
```

```
        n-huruf = "D";
```

```
    else
```

```
        n-huruf = "E";
```

No
Date

```

    System.out.println ( "Nilai Huruf      : " + h_huruf );
    System.out.println ( " = = = = = = = = = = = = = = " );
}
}

```

Source code digital :

```

//penghitung nilai kelulusan
import java.util.Scanner;

public class Latihan04c {
    public static void main(String[] args)
    {
        //deklarasi var
        String nama, n_huruf;
        int nilai;

        Scanner oscan01 = new Scanner(System.in);

        System.out.println("Data Test");
        System.out.println("=====");
        System.out.print("Nama                : ");
        nama = oscan01.nextLine();
        System.out.print("Program Studi          : ");
        nama = oscan01.nextLine();
        System.out.print("Nilai                  : ");
        nilai = oscan01.nextInt();

        //hitung nilai huruf
        if (nilai >= 85)
            n_huruf = "A";
        else if (nilai >= 70)
            n_huruf = "B";
        else if (nilai >= 60)

```

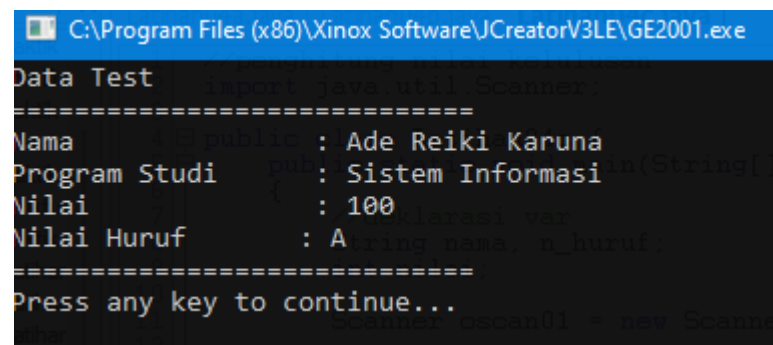
```

        n_huruf = "C";
    else if(nilai >= 50)
        n_huruf = "D";
    else
        n_huruf = "E";

    System.out.println("Nilai Huruf      : " + n_huruf);
    System.out.println("=====");
}
}

```

Output:



```

Data Test      import java.util.Scanner;
=====
Nama      public : Ade Reiki Karuna
Program Studi  pub: Sistem Informasi
Nilai      {   : 100
Nilai Huruf    : A
=====
Press any key to continue...
Scanner oscan01 = new Scanner

```

Latihan03d.java

Source code :

Ade Reiki Karuna

Latihan 04 d. java

No
Date 26 Maret 2022

// penghitung biaya pemakaian air
import java.util.Scanner;

```
public class Latihan 04 d {  
    public static void main (String [] args)  
    {
```

// Deklarasi variabel

```
String nama;  
int water-usage-input, water-usage1, water-usage  
2, water-usage3, payment;
```

```
Scanner oscan01 = new Scanner (System.in);
```

```
System.out.println ("Pemakaian Biaya Air");
```

```
System.out.println ("=====");
```

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

```
nama = oscan01.nextLine();
```

```
System.out.print ("No. Pelanggan:");
```

```
nama = oscan01.nextLine();
```

```
System.out.print ("Pemakaian Air :");
```

```
water-usage-input = oscan01.nextInt();
```

// hitung biaya pemakaian air

// 10 m³ per/fam = 1000

// 10 m³ kelan = 2000

// selanjutnya = 5000

```
if (water-usage-input <= 10)
```

```
{  
    payment = water-usage-input * 1000;
```

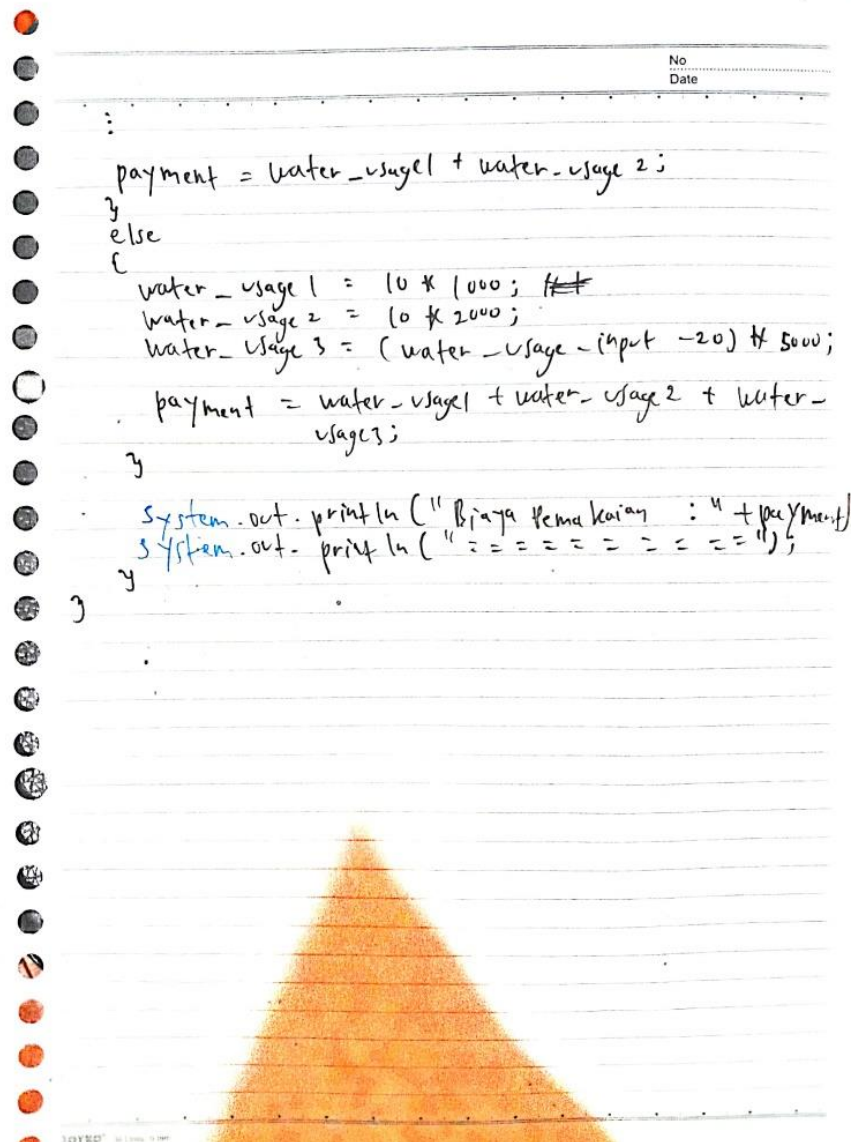
```
}
```

```
else if (water-usage-input <= 20)
```

```
{
```

```
    water-usage1 = 10 * 1000;
```

```
    water-usage2 = (water-usage-input - 10) *  
    2000;
```



Source code digital :

```
//penghitung biaya pemakaian air
import java.util.Scanner;

public class Latihan04d {
    public static void main(String[] args)
    {
        //deklarasi var
        String nama;
        int water_usage_input, water_usage1, water_usage2,
        water_usage3, payment;

        Scanner oscan01 = new Scanner(System.in);
```

```

System.out.println("Perhitungan Biaya Pemakaian Air");
System.out.println("=====");
System.out.print("Nama          : ");
nama = oscan01.nextLine();
System.out.print("No. Pelanggan    : ");
nama = oscan01.nextLine();
System.out.print("Pemakaian Air      : ");
water_usage_input = oscan01.nextInt();

//hitung biaya pemakaian air
// 10 m3 pertama = 1000
// 10 m3 kedua   = 2000
// selebihnya    = 5000

if (water_usage_input <= 10)
{
    payment = water_usage_input * 1000;
}
else if(water_usage_input <= 20)
{
    water_usage1 = 10 * 1000;
    water_usage2 = (water_usage_input - 10) * 2000;

    payment = water_usage1 + water_usage2;
}
else
{
    water_usage1 = 10 * 1000; //10.000
    water_usage2 = 10 * 2000; //20.000
    water_usage3 = (water_usage_input - 20) * 5000;

    payment = water_usage1 + water_usage2 + water_usage3;
}

System.out.println("Biaya Pemakaian      : " + payment);
System.out.println("=====");
}
}

```

Output:

```
Select C:\Program Files (x86)\Xinox Software\JCreatorV3LE\GE2001.exe
Perhitungan Biaya Pemakaian Air
=====
Nama      : Ade Reiki Karuna
No. Pelanggan : 01A5735
Pemakaian Air : 25
Biaya Pemakaian : 55000
=====
Press any key to continue...
```