Lab. Pemrograman 2 (Java Lanjut)

Lab. Pemrograman 2

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Peraturan Perkuliahan

1. **Max Alfa 3 Kali**

   IF (Alfa > 3) NilaiAkhir = E

2. **Komponen Penilaian**

Quiz	10%	80-100	A
Tugas	20%	68-79	B
UTS	30%	56-67	C
UAS	40%	45-55	D
		0-44	E

Silabus

1. **Array II**
2. **Pilar OOP**
3. **Paket (Package), import**
4. **Deklarasi Konstruktor (Declaring Constructor)**
5. **Kelas String (The String Class)**
6. **Kelas Math (The Math Class)**
7. **Inner Class, Abstract Class, Interface**
8. **Exception Handling**
9. **Building java GUI**

Referensi :

1. **Benny Hermawan. 2004. *Menguasai Java 2 & Object Oriented Programming*. Andi.**
2. **Bambang Hariyanto. 2007. *esensi-esensi bahasa pemrograman JAVA*. Informatika.**

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Contoh melewatkan Array lewat Method

```java
import  javax.swing.*;
public class Array2{
    public static void main(String [] args) {
        Array2_input panggil=new Array2_input();
        panggil.input();
    }
}
```

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Contoh melewatkan Array lewat Method

```java
import javax.swing.*;
public class Array2_input{
    public void input () {
        int [] nilai=new int[10];   String [] nama=new String[10];
        String jawab="";   int i=0;
        do{
            nama[i]=JOptionPane.showInputDialog("Masukan Nama ");
            nilai[i]=Integer.valueOf(JOptionPane.showInputDialog("Masukan nilai"));
            i++;
            jawab=JOptionPane.showInputDialog("Mau Tambah data lagi");
        }while(jawab.equalsIgnoreCase("Y"));
        Array2_output panggil=new Array2_output();
        panggil.output(nama,nilai,i);
    }
}
```

Contoh melewatkan Array lewat Method

```java
import  javax.swing.*;
public class Array2_output{
      public void output (String nama[],int nilai[],int i) {

           System.out.println("==============================");
           System.out.println("Nama\t\t\tNilai");
           System.out.println("==============================");

          for(int j=0;j<i;j++){
          System.out.println(nama[ j ]+" \t\t\t"+nilai[ j ]);
         }
      }
}
```

Method dengan tipe nilai kembalian berupa Array

```java
import  javax.swing.*;
public class Array2{
     public static void main(String [] args) {
        Array2_output panggil=new   Array2_output();
        panggil.output();
     }
}
```

Method dengan tipe nilai kembalian berupa Array

```java
import  javax.swing.*;
public class Array2_input{
    public String [] input () {
        String [] nama=new String[10];
        int i=0;
        do{
         nama[i]=JOptionPane.showInputDialog("Masukan Nama ");
         i++;
        }while(i<2);
                return nama;

    }
}
```

Method dengan tipe nilai kembalian berupa Array

```java
import  javax.swing.*;
public class Array2_output{
     public void output() {
      String nama[]=new String[10];
      int i=2;
        Array2_input panggil=new Array2_input();
          nama=panggil.input();
          System.out.println("==========");
          System.out.println("Nama");
          System.out.println("==========");
          for(int j=0;j<i;j++){
          System.out.println(nama[ j ]);
        }
     }
}
```

Ada Pertanyaan ?