Tugas Prak Pemrograman Berorientasi Objek

Resume Prak Pemrograman Berorientasi Objek

Disusun Untuk Memenuhi Tugas
Mata Kuliah : PBO - A
Dosen : Gregorius Hendita Artha Kusuma,S.Si.,M.Cs

Disusun oleh :

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Fakultas = **Teknik Informatika**

UNIVERSITAS PANCASILA
2020/2021

Lapot Tugas Praktikum PBO Kelas A

Contoh 1 Program Array 1 D

```java
import java.util.Scanner;

public class contoh1{

public static void main(String[] args){

    Scanner Input = new Scanner(System.in);

    System.out.println("\n");
    System.out.println("--------------------------------------
-");
    System.out.println("Nama    : Fiky Ari Wijaya");
    System.out.println("NPM     : 4520210095");
    System.out.println("Program : Array 1D");
    System.out.println("Update  : 19 October 2021");
    System.out.println("--------------------------------------
-");
    System.out.println("\n");

    String[] barang = new String[5];

    System.out.print("Nama barang 1: ");
    barang[0] = Input.nextLine();
    System.out.print("Nama barang 2: ");
```

```java
        barang[1] = Input.nextLine();

        System.out.print("Nama barang 3: ");

        barang[2] = Input.nextLine();

        System.out.print("Nama barang 4: ");

        barang[3] = Input.nextLine();

        System.out.print("Nama barang 5: ");

        barang[4] = Input.nextLine();


        System.out.println("\n");


        System.out.println("Nama Barang : "+barang[0]+",
"+barang[1]+", "+barang[2]+", "+barang[3]+", "+barang[4]);
    }
}
```

Bukti Running Program :

Contoh 2 Program Array 1 D

```java
import java.util.Scanner;

public class contoh2 {

    public static void main(String[] args){

    Scanner Input = new Scanner(System.in);


    System.out.println("\n");
    System.out.println("---------------------------------------
-");
    System.out.println("Nama    : Fiky Ari Wijaya");
    System.out.println("NPM     : 4520210095");
    System.out.println("Program : Array 1D");
    System.out.println("Update  : 19 October 2021");
    System.out.println("---------------------------------------
-");
    System.out.println("\n");


    String[] mahasiswa = {"Fiky","Bardan","Bagas","Kemal"};

    System.out.println(mahasiswa[0]);
    System.out.println(mahasiswa[1]);
    System.out.println(mahasiswa[2]);
    System.out.println(mahasiswa[3]);


    System.out.println("\n");
```
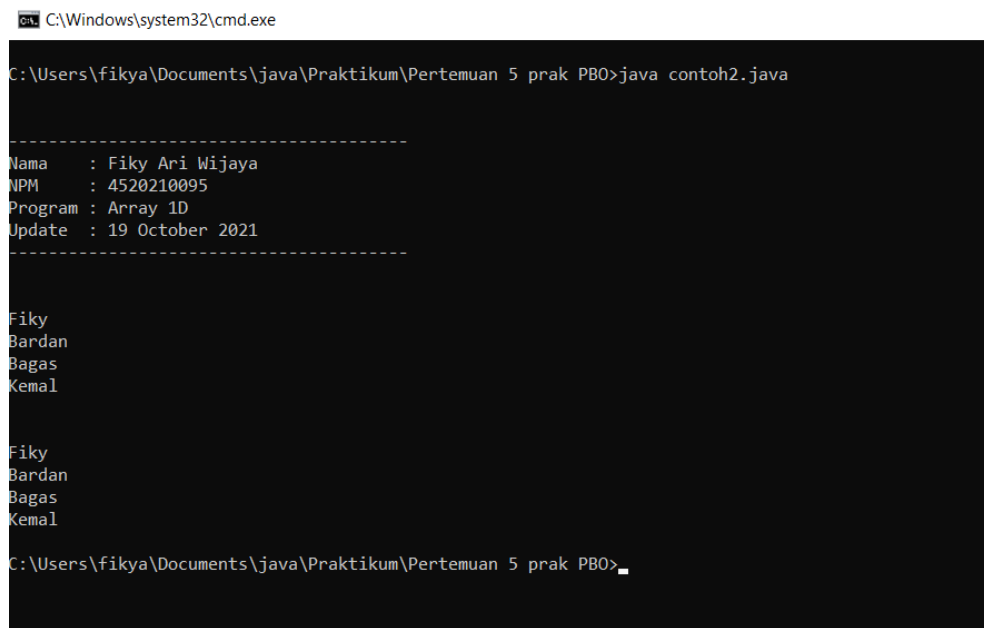
```java
    for(int i=0; i<=3; i++){

        System.out.println(mahasiswa[i]);


    }

    }

}
```

Bukti Running Program :

```
C:\Windows\system32\cmd.exe

C:\Users\fikya\Documents\java\Praktikum\Pertemuan 5 prak PBO>java contoh2.java


----------------------------------------
Nama    : Fiky Ari Wijaya
NPM     : 4520210095
Program : Array 1D
Update  : 19 October 2021
----------------------------------------


Fiky
Bardan
Bagas
Kemal


Fiky
Bardan
Bagas
Kemal

C:\Users\fikya\Documents\java\Praktikum\Pertemuan 5 prak PBO>
```

Contoh Program Array 2D

```java
import java.util.Scanner;

public class contoh3 {

    public static void main(String[] args){

        Scanner Input = new Scanner(System.in);

          System.out.println("\n");
        System.out.println("-------------------------------------
----");
        System.out.println("Nama    : Fiky Ari Wijaya");
        System.out.println("NPM     : 4520210095");
        System.out.println("Program : Array 2D");
        System.out.println("Update  : 19 October 2021");
        System.out.println("-------------------------------------
----");
        System.out.println("\n");

        System.out.print(" Masukkan jumlah baris pertama : ");
        int baris = Input.nextInt();
        System.out.print(" Masukkan jumlah kolom pertama : ");
        int kolom = Input.nextInt();
```

```java
        System.out.println("\n");


        System.out.println(" Masukkan data pada matriks");
        System.out.println();
        int matriks[][] = new int[baris][kolom];
        for(int i=0; i<=baris-1; i++){
            for (int j=0; j<=kolom-1; j++){
                System.out.print(" Data baris ke-" +(i+1)+ "
kolom ke-" +(j+1)+ " : ");
                matriks[i][j] = Input.nextInt();
            }
        }


        System.out.println();
        System.out.println("Isi Matriks");
        System.out.println("\n");


        for(int i=0; i<=baris-1; i++){
            for(int j=0; j<=kolom-1; j++){
                System.out.print(matriks[i][j] + "  ");
            }System.out.println();
        }
    }
}
```

Bukti Running Program :

```
C:\Users\fikya\Documents\java\Praktikum\Pertemuan 5 prak PBO>java contoh3.java


----------------------------------------
Nama    : Fiky Ari Wijaya
NPM     : 4520210095
Program : Array 2D
Update  : 19 October 2021
----------------------------------------


 Masukkan jumlah baris pertama : 2
 Masukkan jumlah kolom pertama : 2


 Masukkan data pada matriks

 Data baris ke-1 kolom ke-1 : 1
 Data baris ke-1 kolom ke-2 : 2
 Data baris ke-2 kolom ke-1 : 1
 Data baris ke-2 kolom ke-2 : 2

Isi Matriks


1  2
1  2

C:\Users\fikya\Documents\java\Praktikum\Pertemuan 5 prak PBO>
```