$Mata\ Kuliah \qquad : PBO-TI-S1$

Praktikum : 2

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NIM : A11.2022.14704

PRAKTIKUM 2

Latihan 1

Mobil2.java

```
public class Mobil2
{
    String warna, gigi;
    int roda-4;
    int body-1;
    static void maju()
    {
        System.out.println("Maju....");
    }
    void mundur()
    {
        System.out.println("Mundur....");
    }
    void belok()
    {
        System.out.println("Belok....");
    }
    void hidupkanMobil()
    {
        System.out.println("Hidupkan Mobil : " + warna);
    }
    void matikanMobil()
    {
        System.out.println("Matikan Mobil : " + warna);
    }
    void ubahGigi()
    {
        System.out.println("Ubah Gigi Mobil : "| + warna);
}
}
```

MobilDemo2.java

```
public class MobilDemo2
{
    public static void main(string[] args)
    {
        Mobil2 avanza = new Mobil2();
        Mobil2 avanza = new Mobil2();
        avanza.wanza = "Avanza Silver";
        avanza.wanza = "Avanza Silver";
        avanza.wandur();
        avanza.roda-5;
        xenia.roda-6;
        avanza.roda-5;
        xenia.roda-6;
        avanza.wandur();
        avanza.wanza.wandur();
        avanza.wanza.wandur();
        avanza.wanza.wandur();
        avanza.wanza.wanza.wanza.wanza.wanza.wanza.wanza.wanza.wanza.wanza.wa
```

```
D:\Kuliah\Semester_4\PBO\PRAKTIKUM 2>javac Mobil2.java

D:\Kuliah\Semester_4\PBO\PRAKTIKUM 2>javac MobilDemo2.java

D:\Kuliah\Semester_4\PBO\PRAKTIKUM 2>javac MobilDemo2.java

D:\Kuliah\Semester_4\PBO\PRAKTIKUM 2>java MobilDemo2

Hidupkan Mobil : Avanza Silver

Ubah Gigi Mobil : Avanza Silver

Maju....

Mundur....

Belok....

Roda Avanza : 4

Mesin Avanza : 1

Mesin Avanza : 1

Mesin Xenia : 1

Roda Avanza : 5

Roda Avanza : 5

Roda Avanza : 9

Mesin Avanza : 9

Mesin Xenia : 9
```

Code Mobil2.java:

```
public class Mobil2 {
    String warna, gigi;
    int roda=4;
    int body=1;
```

```
static int mesin=1;
   static void maju(){
           System.out.println("Maju....");
   void mundur(){
           System.out.println("Mundur....");
   void belok(){
           System.out.println("Belok.....");
   void hidupkanMobil(){
           System.out.println("Hidupkan Mobil : " + warna);
   void matikanMobil(){
           System.out.println("Matikan Mobil : " + warna);
   void ubahGigi(){
           System.out.println("Ubah Gigi Mobil: " + warna);
   }
}
Code MobilDemo2.java:
public class MobilDemo2
   public static void main(String[] args)
   {
           Mobil2 avanza = new Mobil2();
           Mobil2 xenia = new Mobil2();
           avanza.warna = "Avanza Silver";
```

```
avanza.ubahGigi();
avanza.maju();
avanza.mundur();
avanza.belok();
System.out.println("Roda Avanza
                                      : "+avanza.roda);
System.out.println("Roda Xenia
                                      : "+xenia.roda);
System.out.println("Mesin Avanza
                                      : "+avanza.mesin);
System.out.println("Mesin Xenia
                                      : "+xenia.mesin);
avanza.roda=5;
xenia.roda=4;
avanza.mesin=9;
xenia.mesin=9;
System.out.println("Roda Avanza
                                      : "+avanza.roda);
System.out.println("Roda Xenia
                                      : "+xenia.roda);
System.out.println("Mesin Avanza
                                      : "+avanza.mesin);
System.out.println("Mesin Xenia
                                      : "+xenia.mesin);
System.out.println("Mesin Avanza
                                       : "+avanza.mesin);
System.out.println("Mesin Xenia
                                      : "+xenia.mesin);
avanza.matikanMobil();
```

avanza.hidupkanMobil();

Latihan 2

Mahasiswa.java

```
import jour.will.Sceners)
poblic class februined;
String mess;
slicitum, mess;
floot mileitum, mileitum, mileitum, phileitum, phileitum, mileitum, mile
```

Nilai.java

```
public class Nilai {
    public static void main(string[] args) {
        Mahasiswa nilaiku = new Mahasiswa();
        nilaiku.nia = "All.2022.00001";
        nilaiku.nia = "All.2022.00001";
        nilaiku.nilaifusa = 88;
        nilaiku.nilaifusa = 98;
        nilaiku.nilaifus = 98;
        nilaiku.nilaifus = 98;
        nilaiku.nilaifus = 98;
        nilaiku.etakHilai();

        Mahasiswa nilaimu = new Mahasiswa();
        nilaiku.etakHilai();

        Mahasiswa nilaimu = new Mahasiswa();
        nilaimu.nia = "All.2022.00002";
        nilaimu.niaifusa = 88;
        nilaimu.niaifusa = 88;
        nilaimu.niaifusa = 98;
        nilaimu.niaifusa = 95;
        nilaimu.niaifusa = 95;
        nilaimu.niaifusa = 95;
        nilaimu.hitungfilai();
        nilaimya setekHilai();
        Mahasiswa nilaifus = new Mahasiswa();
        nilaimya.ectakHilai();
        Mahasiswa nilaifus = new Mahasiswa();
        nilaifusa.ectakHilai();
        nilaifus.aitungfilai();
        nila
```

```
D:\Kuliah\Semester_4\PBO\PRAKTIKUM 2>javac Nilai.java

D:\Kuliah\Semester_4\PBO\PRAKTIKUM 2>javac Nilai.

NIM : A11.2022.00001

Nama : Najwa

Nilai Tugas : 87.0 30% : 17.4

Nilai UTS : 90.0 35% : 31.5

Nilai UAS : 98.0 35% : 44.1

Nilai UAS : 98.0 35% : 44.1

Nilai UAS : 88.0 30% : 16.0

NIM : A11.2022.00002

Nama : Ghiyatsi

Nilai Tugas : 80.0 30% : 16.0

Nilai UAS : 95.0 35% : 42.75

Nilai UAS : 95.0 35% : 42.75

Nilai UAS : 95.0 35% : 31.5

NIM : A11.2022.00007

Nama : Anisa

Nilai Tugas : 79.0 30% : 15.8

Nilai UAS : 80.0 35% : 36.0

Nilai UAS : 90

Nilai UTS : 95

Nilai UTS : 95

Nilai UAS : 98

NIM : A11.2022.14704

Nama : Valen

Nilai Tugas : 90

Nilai UTS : 95

Nilai UAS : 98

NIM : A11.2022.14704

Nama : Valen

Nilai UTS : 95.0 35% : 33.25

Nilai UAS : 98.0 35% : 33.25

Nilai UAS : 98.0 35% : 44.1

Nilai UAS : 98.0 35% : 34.1
```

Code Mahasiswa.java:

```
import java.util.Scanner;
public class Mahasiswa{
   String nim, nama;
   float nilaiUts, nilaiTugas, nilaiUas, pNilaiTugas, pNilaiUts, pNilaiUas, nilaiAkhir;
   Scanner myObj = new Scanner(System.in);
   void isiData(String nim,String nama,float nilaiUts,floatnilaiTugas,float nilaiUas){
        this.nim = nim;
        this.nama = nama;
   }
}
```

```
this.nilaiTugas = nilaiTugas;
       this.nilaiUas = nilaiUas;
void setNim(String nim){
       this.nim = nim; }
String getNim(){
       return nim; }
void inputData(){
       System.out.print("NIM
                                       : "); nim=myObj.nextLine();
                                               : "); nama=myObj.nextLine();
       System.out.print("Nama
       System.out.print("Nilai Tugas
                                      : "); nilaiTugas=myObj.nextFloat();
       System.out.print("Nilai UTS
                                       : "); nilaiUts=myObj.nextFloat();
       System.out.print("Nilai UAS
                                       : "); nilaiUas=myObj.nextFloat();
}
void hitungNilai(){
       pNilaiTugas = nilaiTugas * 0.20f;
       pNilaiUts = nilaiUts * 0.35f;
       pNilaiUas = nilaiUas * 0.45f;
       nilaiAkhir = pNilaiUts + pNilaiTugas + pNilaiUas;
}
void cetakNilai(){
                                               : " + nim);
       System.out.println("NIM
       System.out.println("Nama
                                               : " + nama);
       System.out.println("Nilai Tugas: "+nilaiTugas+"30%: "+pNilaiTugas);
       System.out.println("Nilai UTS : " + nilaiUts +" 35% : " +pNilaiUts);
       System.out.println("Nilai UAS : " + nilaiUas +"35% : " +pNilaiUas);
       System.out.println("Nilai Akhir : " + nilaiAkhir);
}
```

this.nilaiUts = nilaiUts;

```
Code Nilai.java:
```

```
public class Nilai {
   public static void main(String[] args) {
           Mahasiswa nilaiku = new Mahasiswa();
           nilaiku.nim = "A11.2022.00001";
           nilaiku.nama = "Najwa";
           nilaiku.nilaiTugas = 87;
           nilaiku.nilaiUts = 90;
           nilaiku.nilaiUas = 98;
           nilaiku.hitungNilai();
           nilaiku.cetakNilai();
           Mahasiswa nilaimu = new Mahasiswa();
           nilaimu.nim = "A11.2022.00002";
           nilaimu.nama = "Ghiyatsi";
           nilaimu.nilaiTugas = 80;
           nilaimu.nilaiUts = 88;
           nilaimu.nilaiUas = 95;
           nilaimu.hitungNilai();
           nilaimu.cetakNilai();
           Mahasiswa nilainya = new Mahasiswa();
           nilainya.isiData("A11.2022.00003", "Anisa", 90,79,80);
           nilainya.hitungNilai();
           nilainya.setNim("A11.2022.00007");
           nilainya.cetakNilai();
           Mahasiswa nilaiDia = new Mahasiswa();
           nilaiDia.inputData();
           nilaiDia.hitungNilai();
           nilaiDia.cetakNilai();
   }
```