Mata Kuliah   : PBO – TI – S1

Pertemuan   : 1

Nama   : Margareta Valencia

NIM   : A11.2022.14704

PRAKTIKUM 1

Tugas 1

Biodata.java

```java
public class Biodata{
public static void main(String args[])
{
        String email="11120221404@mhs.dinus.ac.id";
        String hp = "085812345678";
        float ipk = 4.0f;
        boolean aktif=true;

        System.out.println("NIM : A11.2022.14704");
        System.out.println("Nama : Margareta Valencia");
        System.out.println("Alamat : Pedurungan");
        System.out.println("Kota : Semarang");
        System.out.println("Kode Pos : 12345");
        System.out.println("Hp : " +hp);
        System.out.println("Email : " +email);
        System.out.println("IPK : " +ipk);
        System.out.println("Aktif : " +aktif);
}
}
```

```
D:\Kuliah\Semester_4\PBO>javac Biodata.java

D:\Kuliah\Semester_4\PBO>java Biodata
NIM : A11.2022.14704
Nama : Margareta Valencia
Alamat : Pedurungan
Kota : Semarang
Kode Pos : 12345
Hp : 085812345678
Email : 11120221404@mhs.dinus.ac.id
IPK : 4.0
Aktif : true
```

Code :

public class Biodata{

public static void main(String args[])

{

  String email="11120221404@mhs.dinus.ac.id";

  String hp = "085812345678";

```java
        float ipk = 4.0f;
        boolean aktif=true;


        System.out.println("NIM : A11.2022.14704");
        System.out.println("Nama : Margareta Valencia");
        System.out.println("Alamat : Pedurungan");
        System.out.println("Kota : Semarang");
        System.out.println("Kode Pos : 12345");
        System.out.println("Hp : " +hp);
        System.out.println("Email : " +email);
        System.out.println("IPK : " +ipk);
        System.out.println("Aktif : " +aktif);
    }
}
```

Tugas 2

Luas dan Keliling

1. Persegi

```java
public class Persegi{
public static void main(String arg[])
{
        int s;
        s=16;
        int luas=s*s;
        int kel=s+s+s+s;

        System.out.println("S ="+s);
        System.out.println("Luas ="+luas);
        System.out.println("Kel ="+kel);
}
}
```

```
D:\Kuliah\Semester_4\PBO>javac Persegi.java

D:\Kuliah\Semester_4\PBO>java Persegi
S =16
Luas =256
Kel =64
```

Code :
```java
public class Persegi{
public static void main(String arg[])
{
        int s;
        s=16;
        int luas=s*s;
        int kel=s+s+s+s;

        System.out.println("S ="+s);
        System.out.println("Luas ="+luas);
        System.out.println("Kel ="+kel);

}
}
```

2. Segitiga

```java
public class Segitiga{
public static void main(String args[])
{
        int a, t, m;
        a=20; t=12; m=10;
        float luas = 0.5f*a*t;
        float kel = a + t + m;

        System.out.println("a = " + a);
        System.out.println("t = " + t);
        System.out.println("Luas = " + luas);
        System.out.println("Keliling= " + kel);
}
}
```
```
D:\Kuliah\Semester_4\PBO>java Segitiga
a = 20
t = 12
Luas = 120.0
Keliling= 42.0
```

Code :
```
public class Segitiga{
public static void main(String args[])
{
        int a, t, m;
        a=20; t=12; m=10;
        float luas = 0.5f*a*t;
        float kel = a + t + m;
        System.out.println("a = " + a);
        System.out.println("t = " + t);
        System.out.println("Luas = " + luas);
        System.out.println("Keliling= " + kel);
}
}
```

3. Lingkaran

```
public class Lingkaran{
public static void main(String arg[])
{
        double phi, kel, luas;
        int r;
        r= 10;
        phi=3.14;
        luas=phi*r*r;
        kel=2*phi*r;

        System.out.println("Phi ="+phi);
        System.out.println("r ="+r);
        System.out.println("Luas ="+luas);
        System.out.println("Kel ="+kel);
}
}
```

```
D:\Kuliah\Semester_4\PBO>javac Lingkaran.java

D:\Kuliah\Semester_4\PBO>java Lingkaran
Phi =3.14
r =10
Luas =314.0
Kel =62.800000000000004
```

Code :
```
public class Lingkaran{
public static void main(String arg[])
{
        double phi, kel, luas;
        int r;
        r= 10;
        phi=3.14;
        luas=phi*r*r;
```

```
kel=2*phi*r;

System.out.println("Phi ="+phi);
System.out.println("r ="+r);
System.out.println("Luas ="+luas);
System.out.println("Kel ="+kel);
}
}
```

4. Kubus

```
public class Kubus{
public static void main(String args[])
{
        int s;
        s = 5;
        float luas = 6*(s*s);
        float keliling = 12*s;

        System.out.println("s = " + s);
        System.out.println("Luas = " + luas);
        System.out.println("Keliling= " + keliling);

}
}
```

```
D:\Kuliah\Semester_4\PBO>javac Kubus.java

D:\Kuliah\Semester_4\PBO>java Kubus
s = 5
Luas = 150.0
Keliling= 60.0
```

Code :
```
public class Kubus{
public static void main(String args[])
{
        int s;
        s = 5;
        float luas = 6*(s*s);
        float keliling = 12*s;

        System.out.println("s = " + s);
        System.out.println("Luas = " + luas);
        System.out.println("Keliling= " + keliling);

}
}
```