

TUGAS MODUL 6

1. Class BangunDatar():

```
Source History
1  /**
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6
7  /**
8   *
9   * @author LABRPL-7
10  */
11  public class BangunDatar {
12      double luas;
13      double keliling;
14
15      public void hitungLuas() {
16
17      }
18
19      public double hitungKeliling() {
20          return keliling;
21      }
22  }
```

2. Class Persegi();

```
Source History
6
7  /**
8   *
9   * @author LABRPL-7
10  */
11  public class Persegi extends BangunDatar{
12      double sisi;
13
14      public void hitungLuas() {
15          luas = sisi*sisi;
16      }
17
18      public double hitungKeliling() {
19          keliling = 4 *sisi;
20          return keliling;
21      }
22
23      public static void main(String[] args){
24          Persegi persegi = new Persegi();
25          persegi.sisi = 5;
26          persegi.hitungLuas();
27          System.out.println("Luas Persegi = " + persegi.luas);
28          System.out.println("Kelilingnya = " + persegi.hitungKeliling());
29      }
30  }
31
```

3. Class PersegiPanjang();

```
Source History
7  /**
8   *
9   * @author LABRPL-7
10  */
11  public class PersegiPanjang extends BangunDatar{
12      int panjang;
13      double lebar;
14
15      public void hitungLuas(){
16          luas = panjang*lebar;
17      }
18
19      public double hitungKeliling(){
20          keliling = 2*(panjang+lebar);
21          return keliling;
22      }
23
24      public static void main(String[] args){
25          PersegiPanjang pp = new PersegiPanjang();
26          pp.panjang = 10;
27          pp.lebar = 7;
28          pp.hitungLuas();
29          System.out.println("Luas Persegi = " + pp.luas);
30          System.out.println("Kelilingnya = " + pp.hitungKeliling());
31      }
32  }
33
```

4. Class Segitiga();

```
...ave FormLogin.java X PersegiPanjang.java X Persegi.java X Segitiga.java X SegitigaSamaKaki.java X SegitigaSamaSisi.java X BangunDatar.java X
Source History
1  /**
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6
7  /**
8   *
9   * @author LABRPL-7
10  */
11  public class Segitiga extends BangunDatar{
12      double alas;
13
14      public void hitungLuas(){
15      }
16
17      public double hitungKeliling(){
18          return keliling;
19      }
20  }
21
```

5. Class SegitigaSamaKaki();

```
Source History
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6
7  /**
8   *
9   * @author LABRPL-7
10  */
11  public class SegitigaSamaKaki extends Segitiga{
12      double sisiMiring;
13
14      public void hitungLuas(){
15          double tinggi = sisiMiring - alas;
16          luas = (alas * tinggi)/2;
17      }
18
19      public double hitungKeliling(){
20          keliling = 2*(sisiMiring+alas);
21          return keliling;
22      }
23
24      public static void main(String[] args){
25          SegitigaSamaKaki sk = new SegitigaSamaKaki();
26          sk.sisiMiring = 20;
27          sk.alas = 8;
28          sk.hitungLuas();
29          System.out.println("Luas Segitiga Sama Kaki = " + sk.luas);
30          System.out.println("Kelilingnya = " + sk.hitungKeliling());
31      }
32  }
```

6. Class SegitigaSamaSisi();

```
Source History
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6
7  /**
8   *
9   * @author LABRPL-7
10  */
11  public class SegitigaSamaSisi extends Segitiga{
12      double sisi;
13
14      public void hitungLuas(){
15      }
16
17      public double hitungKeliling(){
18          keliling = 3*sisi;
19          return keliling;
20      }
21
22      public static void main(String[] args){
23          SegitigaSamaSisi s3 = new SegitigaSamaSisi();
24          s3.sisi=6;
25          s3.hitungLuas();
26
27          System.out.println("Kelilingnya = " + s3.hitungKeliling());
28      }
29  }
```