

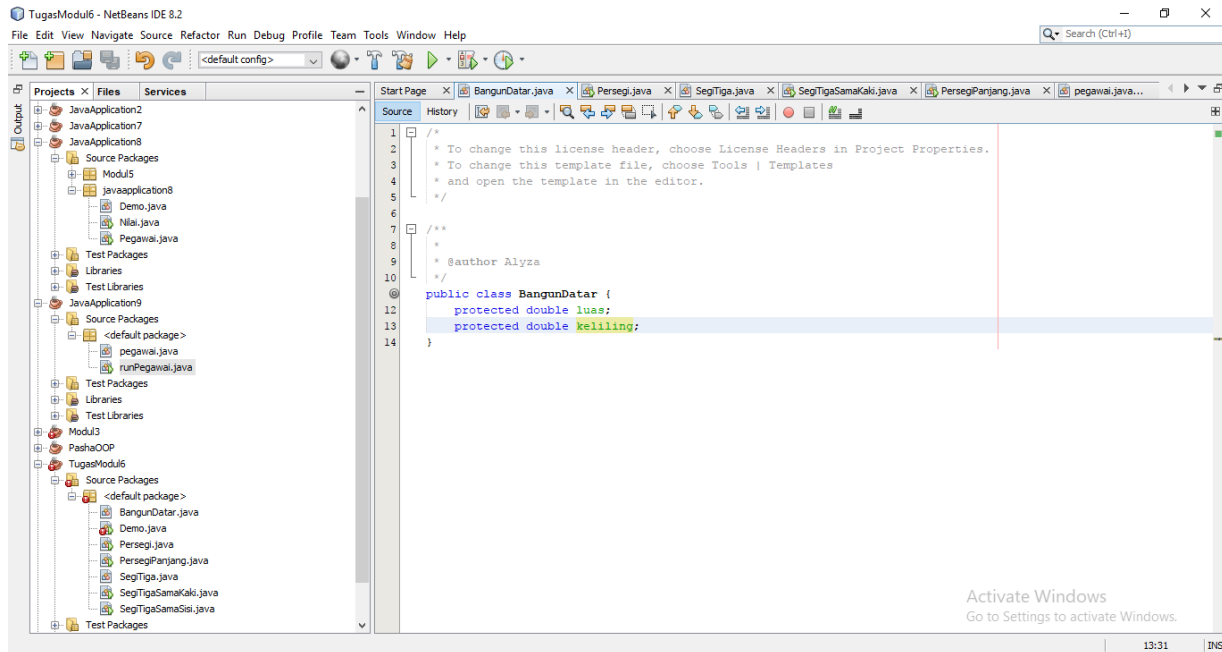
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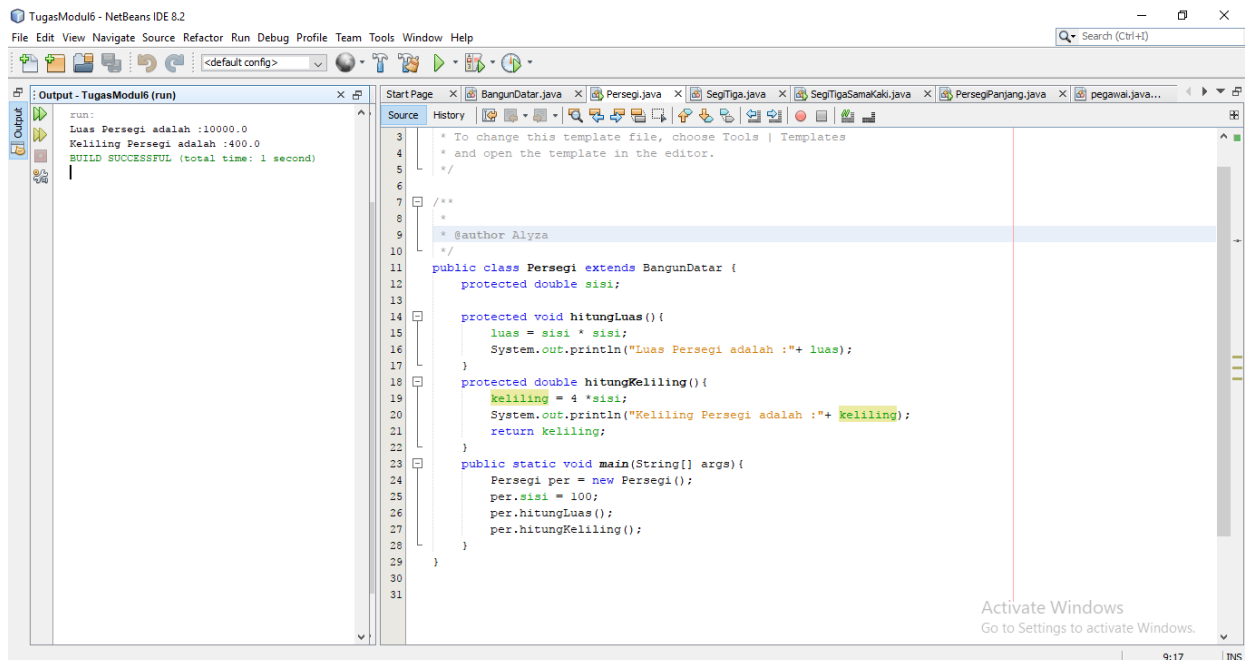
Kelas : C

Modul 6

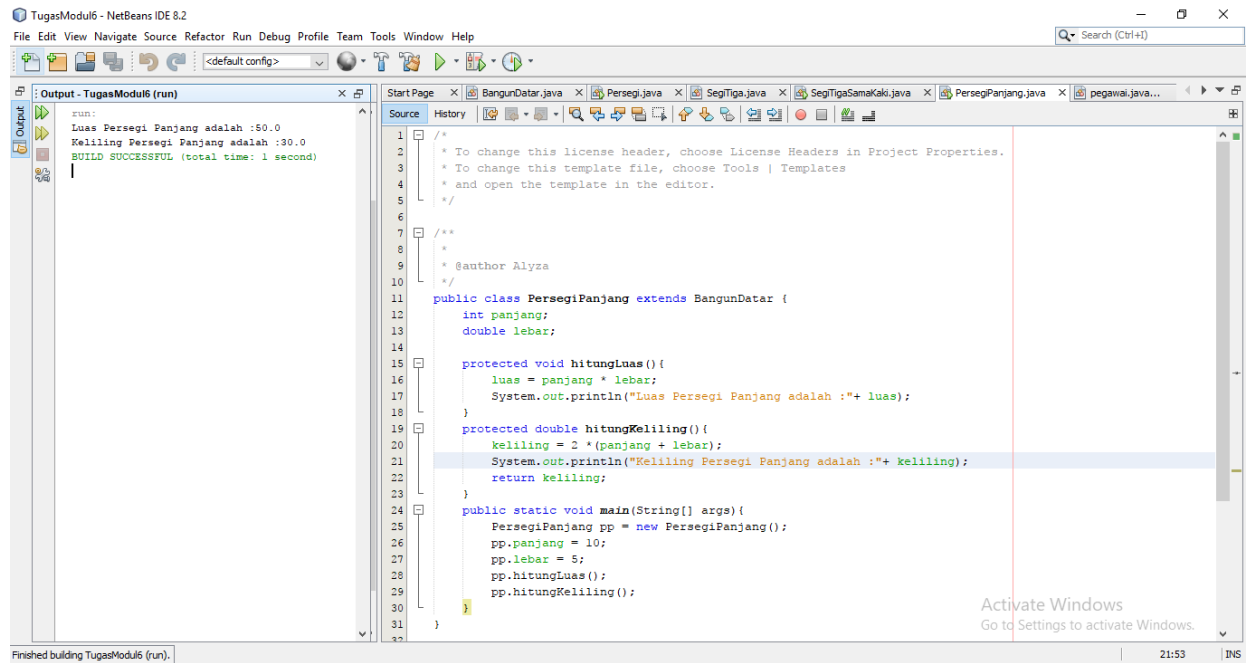
1. Bangun Datar.



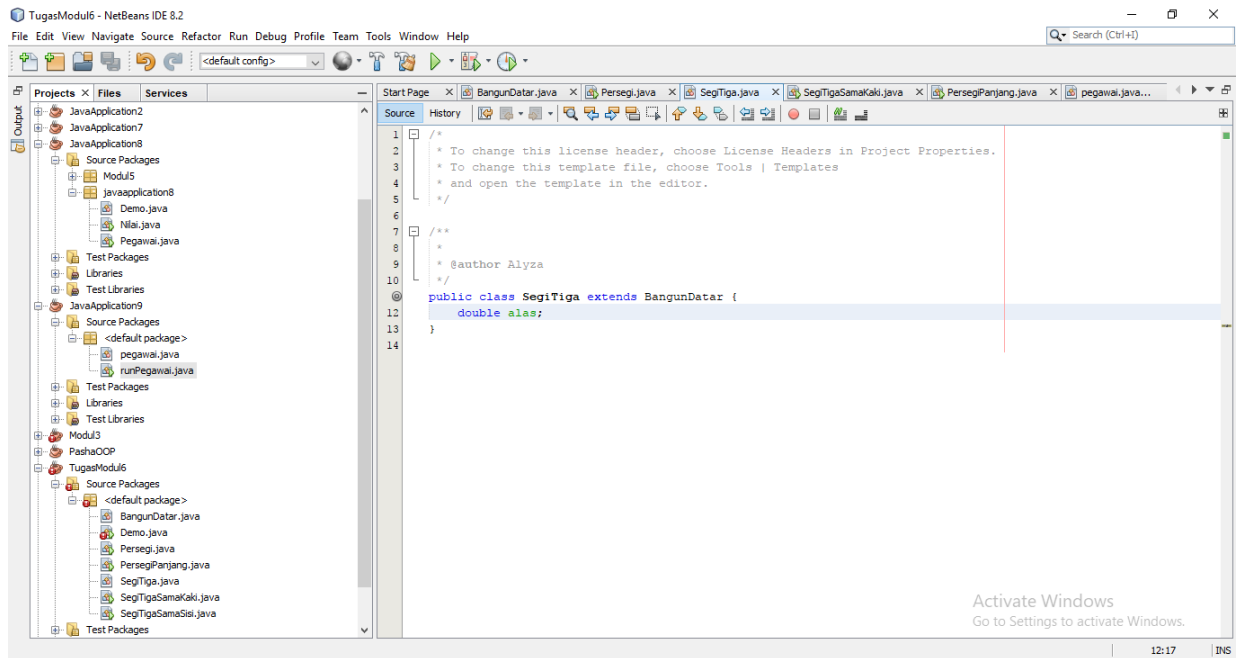
2. Persegi.



3. Persegi Panjang.



4. Segitiga.



5. Segitiga Sama Kaki.

The screenshot shows the NetBeans IDE with the following components:

- Output Window:** Displays the results of running the program:

```
run:
Luas Segitiga Sama Kaki adalah :1250.0
Keliling Segitiga Sama Kaki adalah :40.0
BUILD SUCCESSFUL (total time: 1 second)
```
- Source Window:** Shows the Java code for `SegiTigaSamaKaki` class, which extends `SegiTiga`. The code includes methods for calculating area (`hitungLuas`), perimeter (`hitungKeliling`), and height (`gethitungTinggi`), along with a `main` method for testing.

```
9  * @author Alyza
10  */
11  public class SegiTigaSamaKaki extends SegiTiga {
12      double sisiMiring;
13      double tinggi;
14      double a;
15      double b;
16      protected void hitungLuas() {
17          a = Math.pow((0.5 * alas), 2);
18          b = Math.pow(sisiMiring, 2);
19          tinggi = a + b;
20          luas = 0.5 * (alas * tinggi);
21          System.out.println("Luas Segitiga Sama Kaki adalah :"+ luas);
22      }
23      protected double hitungKeliling() {
24          keliling = alas + (2 * sisiMiring);
25          System.out.println("Keliling Segitiga Sama Kaki adalah :"+ keliling);
26          return keliling;
27      }
28      double gethitungTinggi() {
29          return tinggi;
30      }
31      public static void main(String[] args) {
32          SegiTigaSamaKaki seg = new SegiTigaSamaKaki();
33          seg.alas = 10;
34          seg.sisiMiring = 15;
35          seg.hitungLuas();
36          seg.hitungKeliling();
37      }
38  }
```

6. Segitiga Sama Sisi.

The screenshot shows the NetBeans IDE with the following components:

- Output Window:** Displays the results of running the program:

```
run:
Luas Segitiga Sama Kaki adalah :320.0
Keliling Segitiga Sama Kaki adalah :24.0
BUILD SUCCESSFUL (total time: 1 second)
```
- Source Window:** Shows the Java code for `SegiTigaSamaSisi` class, which extends `SegiTiga`. The code includes methods for calculating area (`hitungLuas`), perimeter (`hitungKeliling`), and height (`gethitungTinggi`), along with a `main` method for testing.

```
8  * @author Alyza
9  */
10  public class SegiTigaSamaSisi extends SegiTiga {
11      double sisi;
12      double tinggi;
13      double a;
14      double b;
15      double c;
16      protected void hitungLuas() {
17          a = Math.pow((0.5 * sisi), 2);
18          b = Math.pow(sisi, 2);
19          tinggi = a + b;
20          luas = 0.5 * (sisi * tinggi);
21          System.out.println("Luas Segitiga Sama Kaki adalah :"+ luas);
22      }
23      protected double hitungKeliling() {
24          keliling = 3 * sisi;
25          System.out.println("Keliling Segitiga Sama Kaki adalah :"+ keliling);
26          return keliling;
27      }
28      double gethitungTinggi() {
29          return tinggi;
30      }
31      public static void main(String[] args) {
32          SegiTigaSamaSisi sis = new SegiTigaSamaSisi();
33          sis.sisi = 8;
34          sis.hitungLuas();
35          sis.hitungKeliling();
36      }
37  }
```