

```
1 <?php
2
3 // Class Persegi Panjang
4 class PersegiPanjang {
5
6     // Property
7     public $panjang;
8     public $lebar;
9
10    // Constructor
11    public function __construct($panjang, $lebar) {
12        $this->panjang = $panjang;
13        $this->lebar = $lebar;
14    }
15
16    // Method luas
17    public function hitungLuas() {
18        return $this->panjang * $this->lebar;
19    }
20
21    // Method keliling
22    public function hitungKeliling() {
23        return 2 * ($this->panjang + $this->lebar);
24    }
25 }
26
27
28 // Class Trapesium
29 class Trapesium {
30
31     // Property
32     public $panjang;
33     public $lebar;
34     public $tinggi;
35     public $sisimiring;
```

```

36
37 // Constructor
38 public function __construct($panjang, $lebar, $tinggi, $sisiMiring) {
39
40     $this->panjang = $panjang;
41     $this->lebar = $lebar;
42     $this->tinggi = $tinggi;
43     $this->sisiMiring = $sisiMiring;
44 }
45
46 // Method luas
47 public function hitungLuas() {
48     return 0.5 * ($this->panjang + $this->lebar) * $this->tinggi;
49 }
50
51 // Method keliling
52 public function hitungKeliling() {
53     return $this->panjang + $this->lebar +
54         $this->sisiMiring + $this->sisiMiring;
55 }
56 }
57
58
59 // Class Lingkaran
60 class Lingkaran {
61
62     // Property
63     public $jariJari;
64
65     // Constructor
66     public function __construct($jariJari) {
67         $this->jariJari = $jariJari;

```

```
68     }
69
70     // Method luas
71     public function hitungLuas() {
72         return pi() * $this->jariJari * $this->jariJari;
73     }
74
75     // Method keliling
76     public function hitungKeliling() {
77         return 2 * pi() * $this->jariJari;
78     }
79 }
80
81
82
83 // =====
84 // Membuat Objek
85 // =====
86
87 // Objek Persegi Panjang
88 $pp = new PersegiPanjang(10, 5);
89
90 // Objek Trapesium
91 $trapesium = new Trapesium(
92     12, // panjang
93     8,  // lebar
94     5,  // tinggi
95     4   // sisi miring
96 );
```

```
97
98 // Objek Lingkaran
99 $lingkaran = new Lingkaran(7);
100
101
102
103 // =====
104 // Menampilkan Hasil
105 // =====
106
107 echo "=== PERSEGI PANJANG === <br>";
108 echo "Panjang : " . $pp->panjang . "<br>";
109 echo "Lebar : " . $pp->lebar . "<br>";
110 echo "Luas : " . $pp->hitungLuas() . "<br>";
111 echo "Keliling : " . $pp->hitungKeliling() . "<br><br>";
112
113
114 echo "=== TRAPESIUM === <br>";
115 echo "Panjang : " . $trapesium->panjang . "<br>";
116 echo "Lebar : " . $trapesium->lebar . "<br>";
117 echo "Tinggi : " . $trapesium->tinggi . "<br>";
118 echo "Sisi Miring : " . $trapesium->sisimiring . "<br>";
119 echo "Luas : " . $trapesium->hitungLuas() . "<br>";
120 echo "Keliling : " . $trapesium->hitungKeliling() . "<br><br>";
121
122
123 echo "=== LINGKARAN === <br>";
124 echo "Jari-jari : " . $lingkaran->jariJari . "<br>";
125 echo "Luas : " . $lingkaran->hitungLuas() . "<br>";
126 echo "Keliling : " . $lingkaran->hitungKeliling();
127
128 ?>
```