

```

1  <?php
2
3  // =====
4  // CLASS PERSEGI
5  // =====
6
7  class Persegi {
8
9      // PROPERTY
10     public $panjang;
11     public $lebar;
12
13     // CONSTRUCTOR
14     public function __construct($panjang, $lebar) {
15
16         $this->panjang = $panjang;
17         $this->lebar = $lebar;
18     }
19
20     // METHOD LUAS
21     public function luas() {
22
23         return $this->panjang * $this->lebar;
24     }
25
26     // METHOD KELILING
27     public function keliling() {
28
29         return 2 * ($this->panjang + $this->lebar);
30     }
31 }
32
33
34 // =====
35 // OBJECT PERSEGI
36 // =====
37
38 $persegi1 = new Persegi(10, 5);
39
40
41 // =====
42 // OUTPUT
43 // =====
44
45 echo "<h2>PERSEGI</h2>";
46
47 echo "Panjang : " . $persegi1->panjang . "<br>";
48 echo "Lebar : " . $persegi1->lebar . "<br>";
49
50 echo "Luas : " . $persegi1->luas() . "<br>";
51 echo "Keliling : " . $persegi1->keliling();
52
53 echo "<hr>";
54

```

```

55
56
57 // =====
58 // CLASS TRAPESIUM
59 // =====
60
61 class Trapezium {
62
63     // PROPERTY
64     public $atas;
65     public $bawah;
66     public $tinggi;
67     public $miring1;
68     public $miring2;
69
70     // CONSTRUCTOR
71     public function __construct($atas, $bawah, $tinggi, $miring1, $miring2) {
72
73         $this->atas = $atas;
74         $this->bawah = $bawah;
75         $this->tinggi = $tinggi;
76         $this->miring1 = $miring1;
77         $this->miring2 = $miring2;
78     }
79
80     // METHOD LUAS
81     public function luas() {
82
83         return 0.5 * ($this->atas + $this->bawah) * $this->tinggi;
84     }
85
86     // METHOD KELILING
87     public function keliling() {
88
89         return $this->atas + $this->bawah + $this->miring1 + $this->miring2;
90     }
91 }
92
93
94 // =====
95 // OBJECT TRAPESIUM
96 // =====
97
98 $trapesium1 = new Trapezium(8, 12, 6, 5, 5);
99
100
101 // =====
102 // OUTPUT
103 // =====
104
105 echo "<h2>TRAPESIUM</h2>";
106
107 echo "Sisi Atas : " . $trapesium1->atas . "<br>";

```

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108 echo "Sisi Bawah : " . $trapesium1->bawah . "<br>";
109
110 echo "Luas : " . $trapesium1->luas() . "<br>";
111 echo "Keliling : " . $trapesium1->keliling();
112
113 echo "<hr>";
114
115
116
117 // =====
118 // CLASS LINGKARAN
119 // =====
120
121 class Lingkaran {
122     // PROPERTY
123     public $jariJari;
124
125     // CONSTRUCTOR
126     public function __construct($jariJari) {
127         $this->jariJari = $jariJari;
128     }
129
130     // METHOD LUAS
131     public function luas() {
132         return 3.14 * $this->jariJari * $this->jariJari;
133     }
134
135     // METHOD KELILING
136     public function keliling() {
137         return 2 * 3.14 * $this->jariJari;
138     }
139 }
140
141 // =====
142 // OBJECT LINGKARAN
143 // =====
144
145 $lingkaran1 = new Lingkaran(7);
146
147 // =====
148 // OUTPUT
149 // =====
150
151 echo "<h2>LINGKARAN</h2>";
152
153 echo "Jari-jari : " . $lingkaran1->jariJari . "<br>";
154
155 echo "Luas : " . $lingkaran1->luas() . "<br>";
156 echo "Keliling : " . $lingkaran1->keliling();
157
158 ?>

```