

PRAKTIKUM 3

Laporan Praktikum



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MANAJAMEN INFORMATIKA

PROGRAM VOKASI

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Source Code

```
1: <!-- Muhammad Zidan Alif Octavian_21091307040 -->
2: [
3: <!DOCTYPE html>
4: <html lang="id">
5: <head>
6:     <link rel="stylesheet" href="noi.css">
7:     <title>Praktikum 3 No.1</title>
8: </head>
9: <body>
10:     <div class="container">
11:         <?php
12:             //reference/implementation
13:             class Tabungan {
14:                 //reference
15:                 protected $saldo;
16:             }
17:             //reference/0 implementation
18:             class PengambilanUang extends Tabungan {
19:                 //reference
20:                 private $proteksi;
21:
22:                 //reference/0 overrides
23:                 public function __construct($saldo)
24:                 {
25:                     $this->saldo=$saldo;
26:                     $this->proteksi = 1000;
27:                 }
28:
29:                 //reference/0 overrides
30:                 public function getSaldo(){
31:                     return "Uang yang ditabung : " . $this->saldo . "<br> Uang yang diproteksi : " . $this->proteksi;
32:                 }
33:
34:                 //reference/0 overrides
35:                 public function ambilUang($jumlah){
36:                     if($jumlah == 4500){
37:                         return "Uang yang akan diambil : " . $jumlah . " false <br> Saldo sekarang : " . $this->saldo;
38:                     }else{
39:                         return "Uang yang akan diambil : " . $jumlah . " true <br> Saldo sekarang : " . $this->saldo - $jumlah;
40:                     }
41:                 }
42:             }
43:
44:             $tabungan = new PengambilanUang(5000);
45:             echo $tabungan->getSaldo();
46:             echo "<br> ----- <br>";
47:             echo $tabungan->ambilUang(4500);
48:             echo "<br> ----- <br>";
49:
50:             $tabungan = new PengambilanUang(5000);
51:             echo $tabungan->getSaldo();
52:             echo "<br> ----- <br>";
53:             echo $tabungan->ambilUang(4500);
54:             echo "<br> ----- <br>";
55:             echo $tabungan->ambilUang(2500);
56:         </?php>
57:     </div>
58: </body>
59: </html>
```

Hasil

Uang yang ditabung : 5000
Uang yang diproteksi : 1000

Uang yang akan diambil : 4500 false
Saldo sekarang : 5000

Uang yang akan diambil : 2500 true
Saldo sekarang : 2500

Source Code:

```

1 <!-- Muhammad Ildan Alif Oktavian_21001307045 -->
2
3 <?php
4
5 class Kendaraan {
6     protected $jmlRoda, $warna;
7     function setJmlRoda($jmlRoda) {
8         $this->jmlRoda = $jmlRoda;
9     }
10    public function getJmlRoda() {
11        return $this->jmlRoda;
12    }
13    public function setWarna($warna) {
14        $this->warna = $warna;
15    }
16    public function getWarna() {
17        return $this->warna;
18    }
19 }
20
21 class Mobil extends Kendaraan {
22     protected $bahanBakar, $kapasitasMesin;
23     public function setBahanBakar($bahanBakar) {
24         $this->bahanBakar = $bahanBakar;
25     }
26     public function getBahanBakar() {
27         return $this->bahanBakar;
28     }
29     public function setKapasitasMesin($kapasitasMesin) {
30         $this->kapasitasMesin = $kapasitasMesin;
31     }
32     public function getKapasitasMesin() {
33         return $this->kapasitasMesin;
34     }
35 }
36
37 class Sepeda extends Kendaraan {
38     protected $jmlSadel, $jmlGir;
39     public function setJmlSadel($jmlSadel) {
40         $this->jmlSadel = $jmlSadel;
41     }
42     public function getJmlSadel() {
43         return $this->jmlSadel;
44     }
45     public function setJmlGir($jmlGir) {
46         $this->jmlGir = $jmlGir;
47     }
48     public function getJmlGir() {

```

```

48    }
49    public function getJmlGir() {
50        return $this->jmlGir;
51    }
52 }
53
54 class Truk extends Mobil {
55     private $muatanMaks;
56     public function setMuatanMaks($muatanMaks) {
57         $this->muatanMaks = $muatanMaks;
58     }
59     public function getMuatanMaks() {
60         return $this->muatanMaks;
61     }
62 }
63
64 class Taksi extends Mobil {
65     private $tarifAwal, $tarifPerKm;
66     public function setTarifAwal($tarifAwal) {
67         $this->tarifAwal = $tarifAwal;
68     }
69     public function getTarifAwal() {
70         return $this->tarifAwal;
71     }
72     public function setTarifPerKm($tarifPerKm) {
73         $this->tarifPerKm = $tarifPerKm;
74     }
75     public function getTarifPerKm() {
76         return $this->tarifPerKm;
77     }
78 }
79
80 $truk1 = new Truk;
81 $truk1->setJmlRoda(4);
82 $truk1->setWarna("Kuning");
83 $truk1->setBahanBakar("Solar");
84 $truk1->setKapasitasMesin(1500);
85 $truk1->setMuatanMaks(1000);
86
87 $truk2 = new Truk;
88 $truk2->setJmlRoda(6);
89 $truk2->setWarna("Merah");
90 $truk2->setBahanBakar("Solar");
91 $truk2->setKapasitasMesin(2000);
92 $truk2->setMuatanMaks(5000);
93
94 $taksi1 = new Taksi;

```

```

95
96 $taksi1 = new Taksi;
97 $taksi1->setJmlRoda(4);
98 $taksi1->setWarna("Oranye");
99 $taksi1->setBahanBakar("Bensin");
100 $taksi1->setKapasitasMesin(1100);
101 $taksi1->setTarifAwal(10000);
102 $taksi1->setTarifPerKm(5000);
103
104 $taksi2 = new Taksi;
105 $taksi2->setJmlRoda(4);
106 $taksi2->setWarna("Biru");
107 $taksi2->setBahanBakar("Bensin");
108 $taksi2->setKapasitasMesin(1300);
109 $taksi2->setTarifAwal(7000);
110 $taksi2->setTarifPerKm(3500);
111
112 $sepeda1 = new Sepeda;
113 $sepeda1->setJmlRoda(2);
114 $sepeda1->setWarna("Hitam");
115 $sepeda1->setJmlSadel(1);
116 $sepeda1->setJmlGir(7);
117
118 $sepeda2 = new Sepeda;
119 $sepeda2->setJmlRoda(2);
120 $sepeda2->setWarna("Putih");
121 $sepeda2->setJmlSadel(1);
122 $sepeda2->setJmlGir(5);
123
124 }

```

```

1 | <!-- Muhammad Zidan Alif Oktavian 21001397045 -->
2
3 | <?php
4 |     require_once 'Mamir_2a.php';
5 | >
6
7 | <!DOCTYPE html>
8 | <html lang="id">
9 |     <head>
10 |         <title>Praktikum 1</title>
11 |         <link rel="stylesheet" href="no2.css">
12 |     </head>
13
14 |     <body>
15 |         <div class="tabel">
16 |             <table border="1" width="500">
17 |                 <tr>
18 |                     <td>No</td>
19 |                     <td>Object</td>
20 |                     <td>Jumlah Roda</td>
21 |                     <td>Warna</td>
22 |                     <td>Bahan Bakar</td>
23 |                     <td>Kapasitas Mesin</td>
24 |                     <td>Muatan Maksimal</td>
25 |                     <td>Tarif Awal</td>
26 |                     <td>Tarif Per KM</td>
27 |                     <td>Jumlah Sadel</td>
28 |                     <td>Jumlah Gir</td>
29 |                 </tr>
30 |                 <tr>
31 |                     <td>1</td>
32 |                     <td>Truk 1</td>
33 |                     <td>= $truk1-&gt;getJmlRoda(); ?</td>
34 |                     <td>= $truk1-&gt;getWarna(); ?</td>
35 |                     <td>= $truk1-&gt;getBahanBakar(); ?</td>
36 |                     <td>= $truk1-&gt;getKapasitasMesin(); ?</td>
37 |                     <td>= $truk1-&gt;getMuatanMaks(); ?</td>
38 |                     <td>-</td>
39 |                     <td>-</td>
40 |                     <td>-</td>
41 |                     <td>-</td>
42 |                 </tr>
43 |                 <tr>
44 |                     <td>2</td>
45 |                     <td>Truk 2</td>
46 |                     <td>= $truk2-&gt;getJmlRoda(); ?</td>
47 |                     <td>= $truk2-&gt;getWarna(); ?</td>
48 |                     <td>= $truk2-&gt;getBahanBakar(); ?</td>
49 |                     <td>= $truk2-&gt;getKapasitasMesin(); ?</td>
50 |                     <td>= $truk2-&gt;getMuatanMaks(); ?</td>
51 |                     <td>-</td>
52 |                     <td>-</td>
53 |                     <td>-</td>
54 |                     <td>-</td>
55 |                 </tr>
56 |                 <tr>
57 |                     <td>3</td>
58 |                     <td>Taksi 1</td>
59 |                     <td>= $taksi1-&gt;getJmlRoda(); ?</td>
60 |                     <td>= $taksi1-&gt;getWarna(); ?</td>
61 |                     <td>= $taksi1-&gt;getBahanBakar(); ?</td>
62 |                     <td>= $taksi1-&gt;getKapasitasMesin(); ?</td>
63 |                     <td>-</td>
64 |                     <td>= $taksi1-&gt;getTarifAwal(); ?</td>
65 |                     <td>= $taksi1-&gt;getTarifPerKm(); ?</td>
66 |                     <td>-</td>
67 |                     <td>-</td>
68 |                 </tr>
69 |                 <tr>
70 |                     <td>4</td>
71 |                     <td>Taksi 2</td>
72 |                     <td>= $taksi2-&gt;getJmlRoda(); ?</td>
73 |                     <td>= $taksi2-&gt;getWarna(); ?</td>
74 |                     <td>= $taksi2-&gt;getBahanBakar(); ?</td>
75 |                     <td>= $taksi2-&gt;getKapasitasMesin(); ?</td>
76 |                     <td>-</td>
77 |                     <td>= $taksi2-&gt;getTarifAwal(); ?</td>
78 |                     <td>= $taksi2-&gt;getTarifPerKm(); ?</td>
79 |                     <td>-</td>
80 |                     <td>-</td>
81 |                 </tr>
82 |                 <tr>
83 |                     <td>5</td>
84 |                     <td>Sepeda 1</td>
85 |                     <td>= $sepeda1-&gt;getJmlRoda(); ?</td>
86 |                     <td>= $sepeda1-&gt;getWarna(); ?</td>
87 |                     <td>-</td>
88 |                     <td>-</td>
89 |                     <td>-</td>
90 |                     <td>-</td>
91 |                     <td>1</td>
92 |                     <td>2</td>
93 |                 </tr>
94 |                 <tr>
95 |                     <td>6</td>
96 |                     <td>Sepeda 2</td>
97 |                     <td>= $sepeda2-&gt;getJmlRoda(); ?</td>
98 |                     <td>= $sepeda2-&gt;getWarna(); ?</td>
99 |                     <td>-</td>
100 |                     <td>-</td>
101 |                     <td>-</td>
102 |                     <td>-</td>
103 |                     <td>-</td>
104 |                     <td>-</td>
105 |                     <td>2</td>
106 |                     <td>5</td>
107 |                 </tr>
108 |             </table>
109 |         </div>
110 |     </body>
111 | </html>

```

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46 |         <td>= $truk2-&gt;getJmlRoda(); ?</td>
47 |         <td>= $truk2-&gt;getWarna(); ?</td>
48 |         <td>= $truk2-&gt;getBahanBakar(); ?</td>
49 |         <td>= $truk2-&gt;getKapasitasMesin(); ?</td>
50 |         <td>= $truk2-&gt;getMuatanMaks(); ?</td>
51 |         <td>-</td>
52 |         <td>-</td>
53 |         <td>-</td>
54 |         <td>-</td>
55 |     </tr>
56 |     <tr>
57 |         <td>3</td>
58 |         <td>Taksi 1</td>
59 |         <td>= $taksi1-&gt;getJmlRoda(); ?</td>
60 |         <td>= $taksi1-&gt;getWarna(); ?</td>
61 |         <td>= $taksi1-&gt;getBahanBakar(); ?</td>
62 |         <td>= $taksi1-&gt;getKapasitasMesin(); ?</td>
63 |         <td>-</td>
64 |         <td>= $taksi1-&gt;getTarifAwal(); ?</td>
65 |         <td>= $taksi1-&gt;getTarifPerKm(); ?</td>
66 |         <td>-</td>
67 |         <td>-</td>
68 |     </tr>
69 |     <tr>
70 |         <td>4</td>
71 |         <td>Taksi 2</td>
72 |         <td>= $taksi2-&gt;getJmlRoda(); ?</td>
73 |         <td>= $taksi2-&gt;getWarna(); ?</td>
74 |         <td>= $taksi2-&gt;getBahanBakar(); ?</td>
75 |         <td>= $taksi2-&gt;getKapasitasMesin(); ?</td>
76 |         <td>-</td>
77 |         <td>= $taksi2-&gt;getTarifAwal(); ?</td>
78 |         <td>= $taksi2-&gt;getTarifPerKm(); ?</td>
79 |         <td>-</td>
80 |         <td>-</td>
81 |     </tr>
82 |     <tr>
83 |         <td>5</td>
84 |         <td>Sepeda 1</td>
85 |         <td>= $sepeda1-&gt;getJmlRoda(); ?</td>
86 |         <td>= $sepeda1-&gt;getWarna(); ?</td>
87 |         <td>-</td>
88 |         <td>-</td>
89 |         <td>-</td>
90 |         <td>-</td>
91 |         <td>1</td>
92 |         <td>2</td>
93 |     </tr>
94 |     <tr>
95 |         <td>6</td>
96 |         <td>Sepeda 2</td>
97 |         <td>= $sepeda2-&gt;getJmlRoda(); ?</td>
98 |         <td>= $sepeda2-&gt;getWarna(); ?</td>
99 |         <td>-</td>
100 |         <td>-</td>
101 |         <td>-</td>
102 |         <td>-</td>
103 |         <td>-</td>
104 |         <td>-</td>
105 |         <td>2</td>
106 |         <td>5</td>
107 |     </tr>
108 | </table>
109 | </div>
110 | </body>
111 | </html>

```

```

81 |         <td>-</td>
82 |         <td>= $sepeda1-&gt;getJmlSadel(); ?</td>
83 |         <td>= $sepeda1-&gt;getJmlGir(); ?</td>
84 |     </tr>
85 |     <tr>
86 |         <td>6</td>
87 |         <td>Sepeda 2</td>
88 |         <td>= $sepeda2-&gt;getJmlRoda(); ?</td>
89 |         <td>= $sepeda2-&gt;getWarna(); ?</td>
90 |         <td>-</td>
91 |         <td>-</td>
92 |         <td>-</td>
93 |         <td>-</td>
94 |         <td>-</td>
95 |         <td>-</td>
96 |         <td>-</td>
97 |         <td>2</td>
98 |         <td>5</td>
99 |     </tr>
100 | </table>
101 | </div>
102 | </body>
103 | </html>

```

Hasil:

No	Object	Jumlah Roda	Warna	Bahan Bakar	Kapasitas Mesin	Muatan Maksimal	Tarif Awal	Tarif Per KM	Jumlah Sadel	Jumlah Gir
1	Truk 1	4	Kuning	Solar	1500	1000	-	-	-	-
2	Truk 2	6	Merah	Solar	2000	5000	-	-	-	-
3	Taksi 1	4	Oranye	Bensin	1500	-	10000	5000	-	-
4	Taksi 2	4	Biru	Bensin	1300	-	7000	3500	-	-
5	Sepeda 1	3	Hitam	-	-	-	-	-	1	2
6	Sepeda 2	2	Putih	-	-	-	-	-	2	5