

```

1  <?php
2      class Produk {
3          public $barang,$merek,$harga,$stock,$kapasitas;
4
5          public function BeliBarang ($add){
6              $stockadd = $this->stock + $add;
7
8              if ($stockadd > $this->kapasitas){
9                  $result = "Gudang untuk ".$this->barang." ".$this->merek." penuh, tidak dapat menambah barang<br>";
10                 $result .= "Stock ".$this->barang." ".$this->merek." sebanyak ".$this->stock."<br>";
11             }
12             else {
13                 $this->stock = $this->stock + $add;
14                 $result = $this->barang." ".$this->merek." bertambah ".$add."<br>";
15                 $result .= "Stock ".$this->barang." ".$this->merek." sebanyak ".$this->stock."<br>";
16             }
17             return $result;
18         }
19
20         public function JualBarang($sell){
21             $stockdeduct = $this->stock - $sell;
22
23             if($stockdeduct < 0 ){
24                 $result = $this->barang." ".$this->merek." tidak mencukupi untuk dijual<br>";
25                 $result .= "stock barang tersedia sebanyak ".$this->stock;
26             }
27             else {
28                 $this->stock = $this->stock - $sell;
29                 $result = $this->barang." ".$this->merek." terjual ".$sell."<br>";
30                 $result .= "sisa stock barangsebanyak ".$this->stock;
31             }
32             return $result;
33         }
34     }
35
36     class Laptop extends Produk {
37         public $inci;
38
39         function __construct($a,$b,$c,$d,$e,$f){
40             $this->barang = $a;
41             $this->merek = $b;
42             $this->harga = $c;
43             $this->stock = $d;
44             $this->inci = $e;
45             $this->kapasitas = $f;
46
47         }
48         function RincianBarang (){
49             echo "Jenis Barang : ".$this->barang."<br>";
50             echo "Merek Barang : ".$this->merek."<br>";
51             echo "Harga Barang : ".$this->harga."<br>";
52             echo "Stock Barang : ".$this->stock."<br>";
53             echo "Inci Barang : ".$this->inci."<br>";
54         }
55     }
56
57     class Handphone extends Produk {
58         public $prosesor;
59     }
60
61     class MesinCuci extends Produk {
62         public $tipe;
63     }
64
65
66     //Pemanggilan
67     echo "<fieldset>";
68     echo "<legend>Object Laptop</legend>";
69     echo "<fieldset>";
70     echo "<legend>Laptop Micako</legend>";
71     $laptop = new Laptop("Laptop","Micako","2.800.000",0,"12,5 Inch",20);
72     echo $laptop->RincianBarang();
73
74     echo "<hr>";
75     echo $laptop->BeliBarang(12);
76     echo $laptop->BeliBarang(2);
77

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78     echo $laptop->JualBarang(11);
79     echo "<hr>";
80     echo $laptop->RincianBarang();
81     echo "</fieldset>";
82
83     echo "<fieldset>";
84     echo "<legend>Laptop Manggo</legend>";
85     $laptop1 = new Laptop ("Laptop", "Manggo", "30.000.000", 0, "16,7 Inch", 70);
86     echo $laptop1->RincianBarang();
87
88     echo "<hr>";
89     echo $laptop1->BeliBarang(84);
90     echo $laptop1->BeliBarang(64);
91     echo $laptop1->JualBarang(11);
92     echo "<hr>";
93     echo $laptop1->RincianBarang();
94     echo "</fieldset>";
95
96     echo "</fieldset>";
97
98     ?>
```