

NAMA : SUSILO

NIM : 2024201021

MATKUL : PEMROGRAMAN BERORIENTASI OBJEK

1. Listing kode

```
2. <?php
3.
4. // Class BankAccount
5. class BankAccount
6. {
7.     public $accountNumber;
8.     private $balance;
9.     protected $accountHolderName;
10.
11.     // Constructor
12.     public function __construct($accountNumber, $balance,
    $accountHolderName)
13.     {
14.         $this->accountNumber = $accountNumber;
15.         $this->balance = $balance;
16.         $this->accountHolderName = $accountHolderName;
17.     }
18.
19.     // Setter dan Getter Account Number
20.     public function setAccountNumber($accountNumber)
21.     {
22.         $this->accountNumber = $accountNumber;
23.     }
24.
25.     public function getAccountNumber()
26.     {
27.         return $this->accountNumber;
28.     }
29.
30.     // Setter dan Getter Balance
31.     public function setBalance($balance)
32.     {
33.         $this->balance = $balance;
34.     }
35.
36.     public function getBalance()
37.     {
38.         return $this->balance;
39.     }
```

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40.
41. // Setter dan Getter Account Holder Name
42. public function setAccountHolderName($accountHolderName)
43. {
44.     $this->accountHolderName = $accountHolderName;
45. }
46.
47. public function getAccountHolderName()
48. {
49.     return $this->accountHolderName;
50. }
51.
52. // Static Method
53. public static function interestRate()
54. {
55.     return 2.5;
56. }
57.
58. // Menampilkan Data
59. public function tampilData()
60. {
61.     echo "<h3>Data Nasabah Reguler</h3>";
62.     echo "Nomor Rekening : " . $this->accountNumber .
        "<br>";
63.     echo "Nama Pemilik : " . $this->accountHolderName .
        "<br>";
64.     echo "Saldo : Rp " . number_format($this->balance, 0,
        ',', '.') . "<br>";
65.     echo "Suku Bunga : " . self::interestRate() .
        "%<br><br>";
66. }
67.}
68.
69.// Subclass PremiumAccount
70.class PremiumAccount extends BankAccount
71.{
72. // Override Method
73. public static function interestRate()
74. {
75.     return 3.5;
76. }
77.
78. public function tampilData()
79. {
80.     echo "<h3>Data Nasabah Premium</h3>";

```

```

81.         echo "Nomor Rekening : " . $this->accountNumber .
           "<br>";
82.         echo "Nama Pemilik : " . $this->accountHolderName .
           "<br>";
83.         echo "Saldo : Rp " . number_format($this-
           >getBalance(), 0, ',', '.') . "<br>";
84.         echo "Suku Bunga : " . self::interestRate() .
           "%<br><br>";
85.     }
86.}
87.
88.// Class final dengan static
89.final class BankInfo
90.{
91.    public static $bankName = "Bank mandiri";
92.
93.    public static function getBankName()
94.    {
95.        return self::$bankName;
96.    }
97.}
98.
99.// Membuat Objek BankAccount
100.    $nasabah1 = new BankAccount(
101.        "1342543256",
102.        5000000,
103.        "Ilo"
104.    );
105.
106.    // Membuat Objek PremiumAccount
107.    $nasabah2 = new PremiumAccount(
108.        "1342543256",
109.        10000000,
110.        "Ilo"
111.    );
112.
113.    // Menampilkan Data
114.    $nasabah1->tampilData();
115.    $nasabah2->tampilData();
116.
117.    echo "<h3>Informasi Bank</h3>";
118.    echo "Nama Bank : " . BankInfo::getBankName();
119.
120.    ?>

```

2. hasil

← → ↻ ↺ localhost/tugas%205%2

Data Nasabah Reguler

Nomor Rekening : 1342543256
Nama Pemilik : Ilo
Saldo : Rp 5.000.000
Suku Bunga : 2.5%

Data Nasabah Premium

Nomor Rekening : 1342543256
Nama Pemilik : Ilo
Saldo : Rp 10.000.000
Suku Bunga : 3.5%

Informasi Bank

Nama Bank : Bank mandiri