

NAMA : WA ODE SASKIA
NIM : 2010202401
PRODI : S1 TI

INPUTNYA

C: > xampp > htdocs > tugas3 > tugas3.php

```
1  <?php
2
3  // 1. Class BankAccount
4  class BankAccount {
5      public $accountNumber;      // public
6      private $balance;          // private
7      protected $accountHolderName; // protected
8
9      // Constructor (opsional biar langsung isi)
10     public function __construct($accountNumber, $balance, $accountHolderName) {
11         $this->accountNumber = $accountNumber;
12         $this->balance = $balance;
13         $this->accountHolderName = $accountHolderName; }
14
15     // Getter & Setter accountNumber
16     public function setAccountNumber($accountNumber) {
17         $this->accountNumber = $accountNumber; }
18
19     public function getAccountNumber() {
20         return $this->accountNumber; }
21
22     // Getter & Setter balance
23     public function setBalance($balance) {
24         $this->balance = $balance; }
25
26     public function getBalance() {
27         return $this->balance; }
28
29     // Getter & Setter accountHolderName
30     public function setAccountHolderName($name) {
31         $this->accountHolderName = $name;}
```

```

33     public function getAccountHolderName() {
34         return $this->getAccountHolderName();
35     }
36     // 2. Static method interestRate()
37     public static function interestRate() {
38         return 2.5; // 2.5% }
39 }
40
41 // 3. Subclass PremiumAccount
42 class PremiumAccount extends BankAccount {
43
44     // Override method interestRate()
45     public static function interestRate() {
46         return 3.5; // 3.5% (lebih tinggi)
47     }
48 }
49
50 // 4. Class lain dengan static & final
51 final class BankUtility {
52
53     // static property
54     public static $bankName = "Bank Buton Raya";
55
56     // static method
57     public static function getBankName() {
58         return self::$bankName;
59     }
60
61     // final method (tidak bisa dioverride jika class ini tidak final)
62     public static function info() {
63         return "Ini adalah utility bank (static & final class)";
64     }
65 }
66
67 // =====
68 // TESTING / PEMAKAIAN
69 // =====
70
71 echo "=== BankAccount === <br>";
72 $account1 = new BankAccount("12345", 1000000, "Saskia");
73 echo "No Rekening: " . $account1->getAccountNumber() . "<br>";
74 echo "Nama: " . $account1->getAccountHolderName() . "<br>";
75 echo "Saldo: " . $account1->getBalance() . "<br>";
76 echo "Bunga: " . BankAccount::interestRate() . "%<br><br>";
77
78 echo "=== PremiumAccount === <br>";
79 $premium = new PremiumAccount("67890", 5000000, "Waode Saskia");
80 echo "No Rekening: " . $premium->getAccountNumber() . "<br>";
81 echo "Nama: " . $premium->getAccountHolderName() . "<br>";
82 echo "Saldo: " . $premium->getBalance() . "<br>";
83 echo "Bunga Premium: " . PremiumAccount::interestRate() . "%<br><br>";
84
85 echo "=== BankUtility === <br>";
86 echo "Nama Bank: " . BankUtility::getBankName() . "<br>";
87 echo BankUtility::info();
88 ?>

```

OUTPUTNYA

==== BankAccount ====

No Rekening: 12345

Nama: Saskia

Saldo: 1000000

Bunga: 2.5%

==== PremiumAccount ====

No Rekening: 67890

Nama: Waode Saskia

Saldo: 5000000

Bunga Premium: 3.5%

==== BankUtility ====

Nama Bank: Bank Buton Raya

Ini adalah utility bank (static & final class)