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**PRODI** : PEMROGRAMAN BERORIENTASI OBJEK

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<?php

```
// Class BankAccount
class BankAccount
{
    // Public Property
    public $accountNumber;

    // Private Property
    private $balance;

    // Protected Property
    protected $accountHolderName;

    // Constructor
    public function __construct($accountNumber, $balance, $accountHolderName)
    {
        $this->accountNumber = $accountNumber;
        $this->balance = $balance;
        $this->accountHolderName = $accountHolderName;
    }

    // Setter dan Getter Account Number
    public function setAccountNumber($accountNumber)
    {
        $this->accountNumber = $accountNumber;
    }

    public function getAccountNumber()
```

```
{
    return $this->accountNumber;
}

// Setter dan Getter Balance
public function setBalance($balance)
{
    $this->balance = $balance;
}

public function getBalance()
{
    return $this->balance;
}

// Setter dan Getter Account Holder Name
public function setAccountHolderName($name)
{
    $this->accountHolderName = $name;
}

public function getAccountHolderName()
{
    return $this->accountHolderName;
}

// Static Method
public static function interestRate()
{
    return "2.5%";
}
}

// Subclass PremiumAccount
```

```
class PremiumAccount extends BankAccount
{
    // Override Method Interest Rate
    public static function interestRate()
    {
        return "3.5%";
    }
}

// Class lain dengan modifier berbeda serta static dan final
class Customer
{
    public $customerId;
    protected $customerName;
    private $customerEmail;

    // Static Property
    public static $bankName = "Bank Indonesia";

    // Final Method
    final public function showBankName()
    {
        return self::$bankName;
    }

    public function __construct($id, $name, $email)
    {
        $this->customerId = $id;
        $this->customerName = $name;
        $this->customerEmail = $email;
    }

    public function getCustomerInfo()
    {
```

```

        return "ID: {$this->customerId}, Nama: {$this->customerName}";
    }
}

// =====
// Pengujian Program
// =====

echo "<h2>Data Bank Account</h2>";

$account = new BankAccount(
    "123456789",
    5000000,
    "Rami Malek"
);

echo "Nomor Rekening: " . $account->getAccountNumber() . "<br>";
echo "Nama Pemilik: " . $account->getAccountHolderName() . "<br>";
echo "Saldo: Rp " . number_format($account->getBalance(), 0, ',', '.') . "<br>";
echo "Suku Bunga BankAccount: " . BankAccount::interestRate() . "<br><br>";

echo "<h2>Data Premium Account</h2>";

$premium = new PremiumAccount(
    "987654321",
    10000000,
    "Eddie Redmayne"
);

echo "Nomor Rekening: " . $premium->getAccountNumber() . "<br>";
echo "Nama Pemilik: " . $premium->getAccountHolderName() . "<br>";
echo "Saldo: Rp " . number_format($premium->getBalance(), 0, ',', '.') . "<br>";
echo "Suku Bunga PremiumAccount: " . PremiumAccount::interestRate() . "<br><br>";

```

```
echo "<h2>Bank</h2>";
```

```
echo "Nama Bank: " . Customer::$bankName;
```