

Nama : Ais Azzahara Putri

Nim : 2024201026

Matkul : Pemrograman Berorientasi Objek

1. Listing Kode

```
<?php
```

```
// =====
```

```
// Class BankAccount
```

```
// =====
```

```
class BankAccount
```

```
{
```

```
    public $accountNumber;
```

```
    private $balance;
```

```
    protected $accountHolderName;
```

```
    public function __construct($accountNumber, $balance, $accountHolderName)
```

```
    {
```

```
        $this->accountNumber = $accountNumber;
```

```
        $this->balance = $balance;
```

```
        $this->accountHolderName = $accountHolderName;
```

```
    }
```

```
    // Getter & Setter Account Number
```

```
    public function getAccountNumber()
```

```
    {
```

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

```
    }
```

```
    public function setAccountNumber($accountNumber)
```

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

// Getter & Setter Balance
public function getBalance()
{
    return $this->balance;
}

public function setBalance($balance)
{
    $this->balance = $balance;
}

// Getter & Setter Account Holder Name
public function getAccountHolderName()
{
    return $this->accountHolderName;
}

public function setAccountHolderName($accountHolderName)
{
    $this->accountHolderName = $accountHolderName;
}

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

```

    }
}

// =====
// Subclass PremiumAccount
// =====
class PremiumAccount extends BankAccount
{
    public static function interestRate()
    {
        return 3.5;
    }
}

// =====
// Class Employee
// =====
class Employee
{
    private $employeeName;
    private $employeeId;

    private static $companyName = "ABC Bank";

    public function __construct($employeeId, $employeeName)
    {
        $this->employeeId = $employeeId;
        $this->employeeName = $employeeName;
    }
}

```

```

public function getEmployeeId()
{
    return $this->employeeId;
}

public function getEmployeeName()
{
    return $this->employeeName;
}

public function setEmployeeName($employeeName)
{
    $this->employeeName = $employeeName;
}

public static function getCompanyName()
{
    return self::$companyName;
}
}

// =====
// Program Utama
// =====

$account1 = new BankAccount(
    "032601139160507",
    5000000,
    "Ais Azzahra Putri"
);

```

```
$account2 = new PremiumAccount(
    "67890",
    10000000,
    "Budi"
);
```

```
$employee = new Employee(
    "EMP001",
    "Siti"
);
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Tugas OOP PHP</title>
```

```
</head>
```

```
<body>
```

```
<h2>Data Rekening</h2>
```

```
<p>
```

```
    Nomor Rekening:
```

```
    <?php echo $account1->getAccountNumber(); ?>
```

```
</p>
```

```
<p>
```

```
    Nama Pemilik:
```

<?php echo \$account1->getAccountHolderName(); ?>
</p>

<p>

Saldo:

Rp <?php echo number_format(\$account1->getBalance(),0,"","."); ?>
</p>

<hr>

<h2>Suku Bunga</h2>

<p>

Bunga Reguler:

<?php echo BankAccount::interestRate(); ?>%
</p>

<p>

Bunga Premium:

<?php echo PremiumAccount::interestRate(); ?>%
</p>

<hr>

<h2>Data Pegawai</h2>

<p>

ID Pegawai:

<?php echo \$employee->getEmployeeId(); ?>
</p>

<p>

Nama Pegawai:

<?php echo \$employee->getEmployeeName(); ?>

</p>

<p>

Perusahaan:

<?php echo Employee::getCompanyName(); ?>

</p>

</body>

</html>

2. Hasil

← ↻ ⓘ localhost/OOP%20AIS/BankAccount.php

Data Rekening

Nomor Rekening: 032601139160507

Nama Pemilik: Ais Azzahra Putri

Saldo: Rp 5.000.000

Suku Bunga

Bunga Reguler: 2.5%

Bunga Premium: 3.5%

Data Pegawai

ID Pegawai: EMP001

Nama Pegawai: Siti

Perusahaan: ABC Bank