

PRAKTIKUM WEB 5

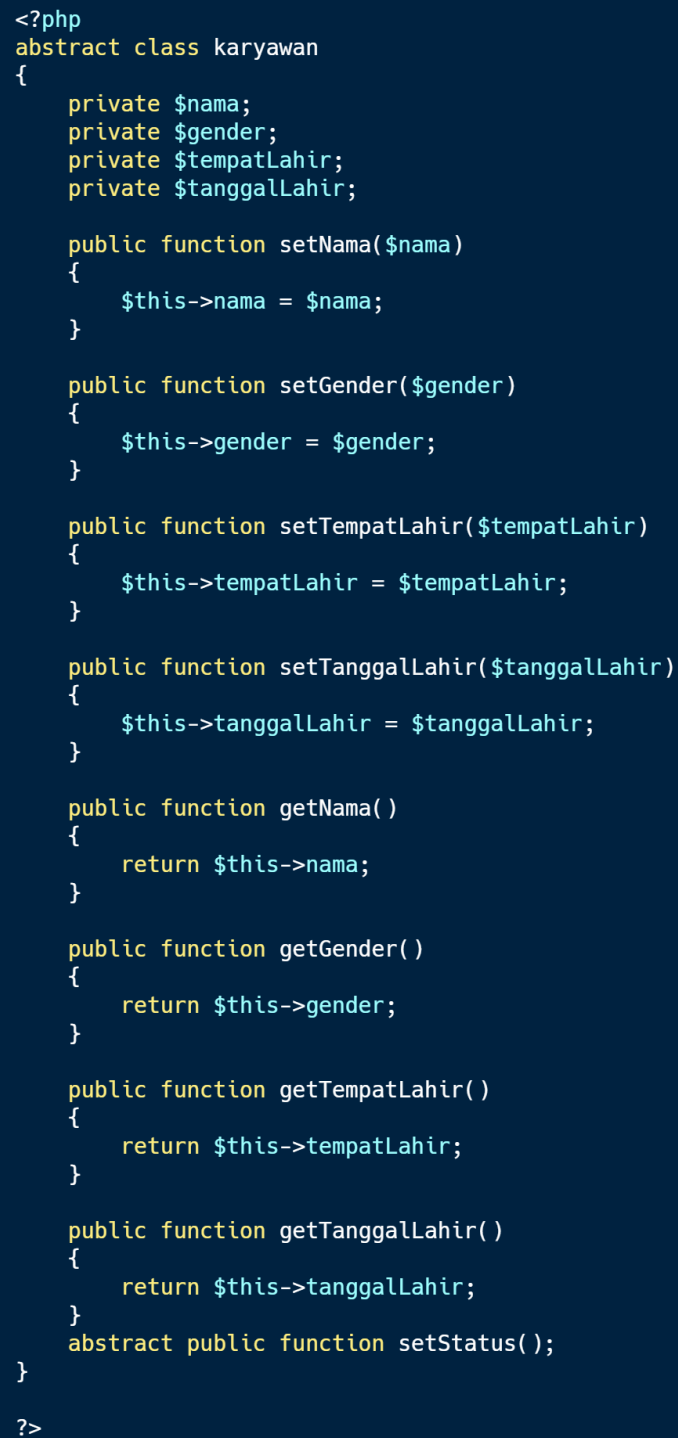
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1. Hal yang dipelajari

Dalam praktikum kali ini kami menggunakan konsep pemrograman berbasis objek pada Bahasa php. Sama seperti mata kuliah Pemrograman berbasis objek, praktikan menerapkan inheritance dan class dengan baik

2. .

Gambar 1.1 main.php

A screenshot of a code editor window with a dark blue background. At the top left, there are three colored window control buttons: red, yellow, and green. The code is written in PHP and defines an abstract class named 'karyawan'. It includes private attributes for name, gender, birthplace, and birth date, and public methods for setting and getting these attributes. An abstract public method 'setStatus()' is also declared. The code is syntax-highlighted with colors like yellow for keywords and green for comments.

```
<?php
abstract class karyawan
{
    private $nama;
    private $gender;
    private $tempatLahir;
    private $tanggalLahir;

    public function setName($nama)
    {
        $this->nama = $nama;
    }

    public function setGender($gender)
    {
        $this->gender = $gender;
    }

    public function setTempatLahir($tempatLahir)
    {
        $this->tempatLahir = $tempatLahir;
    }

    public function setTanggalLahir($tanggalLahir)
    {
        $this->tanggalLahir = $tanggalLahir;
    }

    public function getName()
    {
        return $this->nama;
    }

    public function getGender()
    {
        return $this->gender;
    }

    public function getTempatLahir()
    {
        return $this->tempatLahir;
    }

    public function getTanggalLahir()
    {
        return $this->tanggalLahir;
    }
    abstract public function setStatus();
}

?>
```

Gambar 1.2 karyawan.php (abstract)

```

<?php
require_once "karyawan.php";

class fullTime extends karyawan
{
    private $level;
    private $status;
    private $gajiKaryawan;

    public function getLevel()
    {
        return $this->level;
    }

    public function setLevel($level)
    {
        $this->level = $level;
    }

    public function getStatus()
    {
        return $this->status;
    }

    public function setStatus()
    {
        $this->status = "full time";
    }

    public function hitungGaji()
    {
        switch ($this->level) {
            case "junior":
                $this->gajiKaryawan = 2000000;
                if (strcmp($this->status, "part time") == 0) {
                    $this->gajiKaryawan = $this->gajiKaryawan / 2;
                }
                break;
            case "amateur":
                $this->gajiKaryawan = 3500000;
                if (strcmp($this->status, "part time") == 0) {
                    $this->gajiKaryawan = $this->gajiKaryawan / 2;
                }
                break;
            case "senior":
                $this->gajiKaryawan = 5000000;
                if (strcmp($this->status, "part time") == 0) {
                    $this->gajiKaryawan = $this->gajiKaryawan / 2;
                }
                break;
        }
    }

    public function getHitungGaji(): int
    {
        return $this->gajiKaryawan;
    }
}

?>

```

Gambar 1.3 fulltime.php (extends karyawan)

```

<?php
require_once "karyawan.php";

class partTime extends karyawan
{
    private $level;
    private $status;
    private $gajiKaryawan;

    public function getLevel()
    {
        return $this->level;
    }

    public function setLevel($level)
    {
        $this->level = $level;
    }

    public function getStatus()
    {
        return $this->status;
    }

    public function setStatus()
    {
        $this->status = "part time";
    }

    public function hitungGaji()
    {
        switch ($this->level) {
            case "junior":
                $this->gajiKaryawan = 2000000;
                if (strcmp($this->status, "part time") == 0) {
                    $this->gajiKaryawan = $this->gajiKaryawan / 2;
                }
                break;
            case "amateur":
                $this->gajiKaryawan = 3500000;
                if (strcmp($this->status, "part time") == 0) {
                    $this->gajiKaryawan = $this->gajiKaryawan / 2;
                }
                break;
            case "senior":
                $this->gajiKaryawan = 5000000;
                if (strcmp($this->status, "part time") == 0) {
                    $this->gajiKaryawan = $this->gajiKaryawan / 2;
                }
                break;
        }
    }

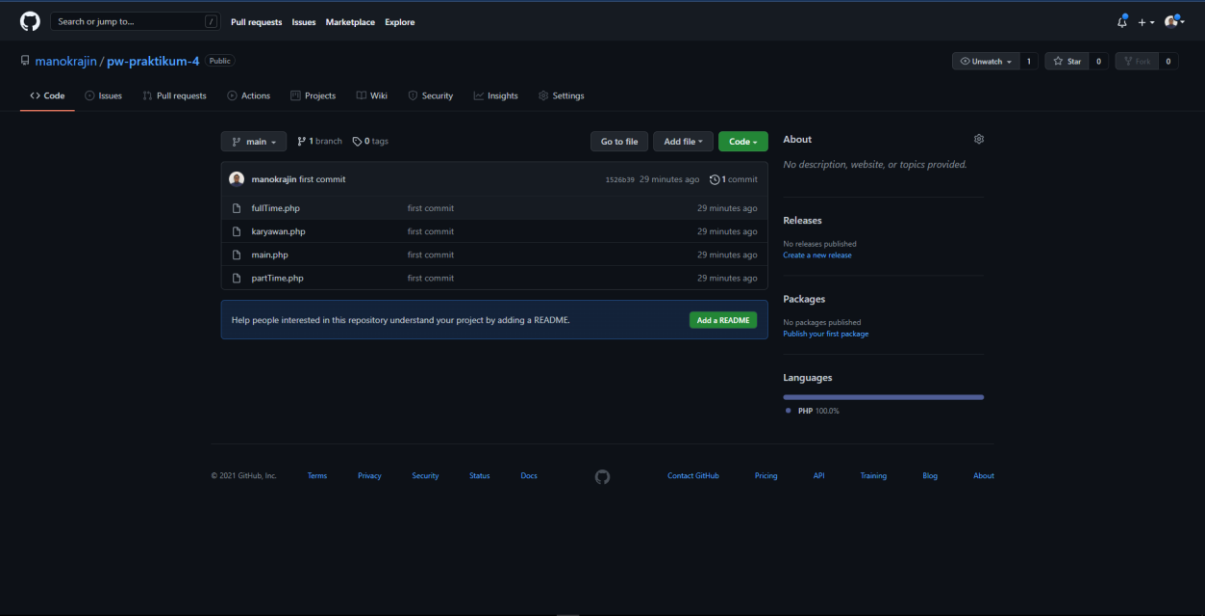
    public function getHitungGaji(): int
    {
        return $this->gajiKaryawan;
    }
}

?>

```

Gambar 1.4 parttime.php (extends karyawan)

3. .



Nama : Mahran Radifun Zhafr
Nim : 105219001

- All
- Full Time
- Part Time

No	Nama	Tempat Tanggal Lahir	Jenis Kelamin	Level Karyawan	Status	Gaji Karyawan
1	manok	Indonesia 03-06-2001	pria	full time	junior	2000000
3	ryu	Korea 03-08-2001	wanita	full time	senior	5000000
5	tru	Indonesia 23-06-2001	wanita	full time	amateur	3500000

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Nim : 105219001

- All
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- Part Time

No	Nama	Tempat Tanggal Lahir	Jenis Kelamin	Level Karyawan	Status	Gaji Karyawan
2	mahran	India 03-07-2001	pria	part time	amateur	1750000
4	hyo	Indonesia 13-06-2001	wanita	part time	junior	1000000