

NAMA : ELIN AMALIA
NIM : 2024201018
MATA KULIAH : PEMOGRAMAN BERORIENTASI OBJEK

1. Listing Kode

```
<?php
// Parent Class
class Sandal {
    // Property dengan visibility
    protected $merk;
    protected $warna;
    protected $ukuran;

    // Constructor
    public function __construct($merk, $warna, $ukuran) {
        $this->merk = $merk;
        $this->warna = $warna;
        $this->ukuran = $ukuran;
    }

    // Method
    public function infoSandal() {
        return "Merk: $this->merk, Warna: $this->warna, Ukuran: $this->ukuran";
    }
}

// Child Class (Pewarisan)
class SandalGunung extends Sandal {
    private $tipeTali;

    // Constructor Child
    public function __construct($merk, $warna, $ukuran, $tipeTali) {
        parent::__construct($merk, $warna, $ukuran);
```

```

        $this->tipeTali = $tipeTali;
    }

    // Method
    public function detailSandalGunung() {
        return $this->infoSandal() . ", Tipe Tali: $this->tipeTali";
    }
}

// Child Class lainnya
class SandalSantai extends Sandal {
    private $bahan;

    public function __construct($merk, $warna, $sukuran, $bahan) {
        parent::__construct($merk, $warna, $sukuran);
        $this->bahan = $bahan;
    }

    public function detailSandalSantai() {
        return $this->infoSandal() . ", Bahan: $this->bahan";
    }
}

// Membuat 5 Objek
$sandal1 = new SandalGunung("Eiger", "Hitam", 42, "Velcro");
$sandal2 = new SandalGunung("Consina", "Coklat", 41, "Geser");
$sandal3 = new SandalSantai("Swallow", "Biru", 40, "Karet");
$sandal4 = new SandalSantai("Ardiles", "Merah", 39, "Sponge");
$sandal5 = new SandalGunung("Rei", "Hijau", 43, "Buckle");

// Menampilkan Data
echo "<h2>Data Sandal</h2>";

```

```
echo $sandal1->detailSandalGunung() . "<br>";  
echo $sandal2->detailSandalGunung() . "<br>";  
echo $sandal3->detailSandalSantai() . "<br>";  
echo $sandal4->detailSandalSantai() . "<br>";  
echo $sandal5->detailSandalGunung() . "<br>";
```

?>

2. Hasil



Data Sandal

Merk: Eiger, Warna: Hitam, Ukuran: 42, Tipe Tali: Velcro
Merk: Consina, Warna: Coklat, Ukuran: 41, Tipe Tali: Geser
Merk: Swallow, Warna: Biru, Ukuran: 40, Bahan: Karet
Merk: Ardiles, Warna: Merah, Ukuran: 39, Bahan: Sponge
Merk: Rei, Warna: Hijau, Ukuran: 43, Tipe Tali: Buckle