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<?php
class gadget {
    public $merek;
    protected $os;
    private $kodeproduksi;

    public function __construct($merek, $os, $kodeproduksi) {
        $this -> merek = $merek;
        $this -> os = $os;
        $this -> kodeproduksi = $kodeproduksi;
    }

    public function getkodeproduksi () {
        return $this -> kodeproduksi;
    }
}

class smartphone extends gadget {
    public $tipe;

    public function __construct( $merek, $os, $kodeproduksi, $tipe ) {
        parent :: __construct($merek, $os, $kodeproduksi);
        $this -> tipe = $tipe;
    }

    public function detailHP() {
        return " <br> HP:{$this->merek} {$this->tipe} | OS: {$this->os} | S/N: "
. $this->getKodeproduksi();
    }
}

$hp1 = new Smartphone("Samsung", "Android", "SS-001", "S24 Ultra");
$hp2 = new Smartphone("Apple", "iOS", "AP-992", "iPhone 15 Pro");
$hp3 = new Smartphone("Xiaomi", "Android", "XM-553", "Xiaomi 14");
$hp4 = new Smartphone("Google", "Android", "GG-104", "Pixel 8");
$hp5 = new Smartphone("Oppo", "Android", "OP-205", "Find X7");

echo " DATA STOK SMARTPHONE ";
echo $hp1->detailHP();
echo $hp2->detailHP();
echo $hp3->detailHP();
echo $hp4->detailHP();
echo $hp5->detailHP();

?>

```

