Programming Fundamental

Exploring

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Make your own Function

```php
<?php

function contoh() {
    echo 'Hello World!';
}

contoh();

?>
```

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Function

```
function plus() {
        $x = 50;
        $x++;
        echo $x . "<br>";
}

plus();
plus();
plus();
```

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Static Variabel

```
function plus() {
        static $x = 50;
        $x++;
        echo $x . "<br>";
}

plus();
plus();
plus();
```

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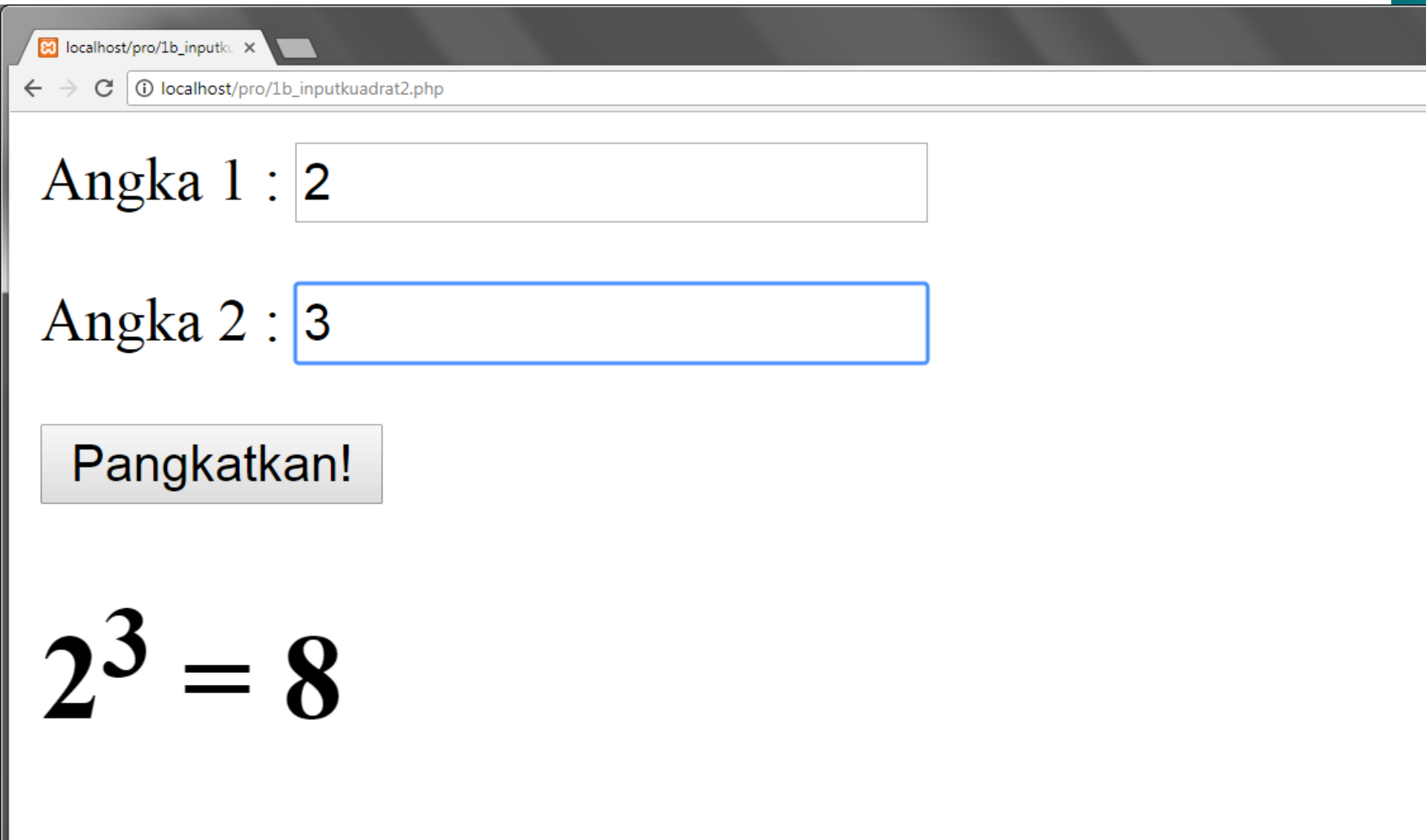
Make its function!



Function & 1 Argument

```
function namaku($nama) {
echo "$nama Susanto<br>";
}

namaku("Andy");
namaku("Kay");
namaku("Rudy");
namaku("Zainal");
```

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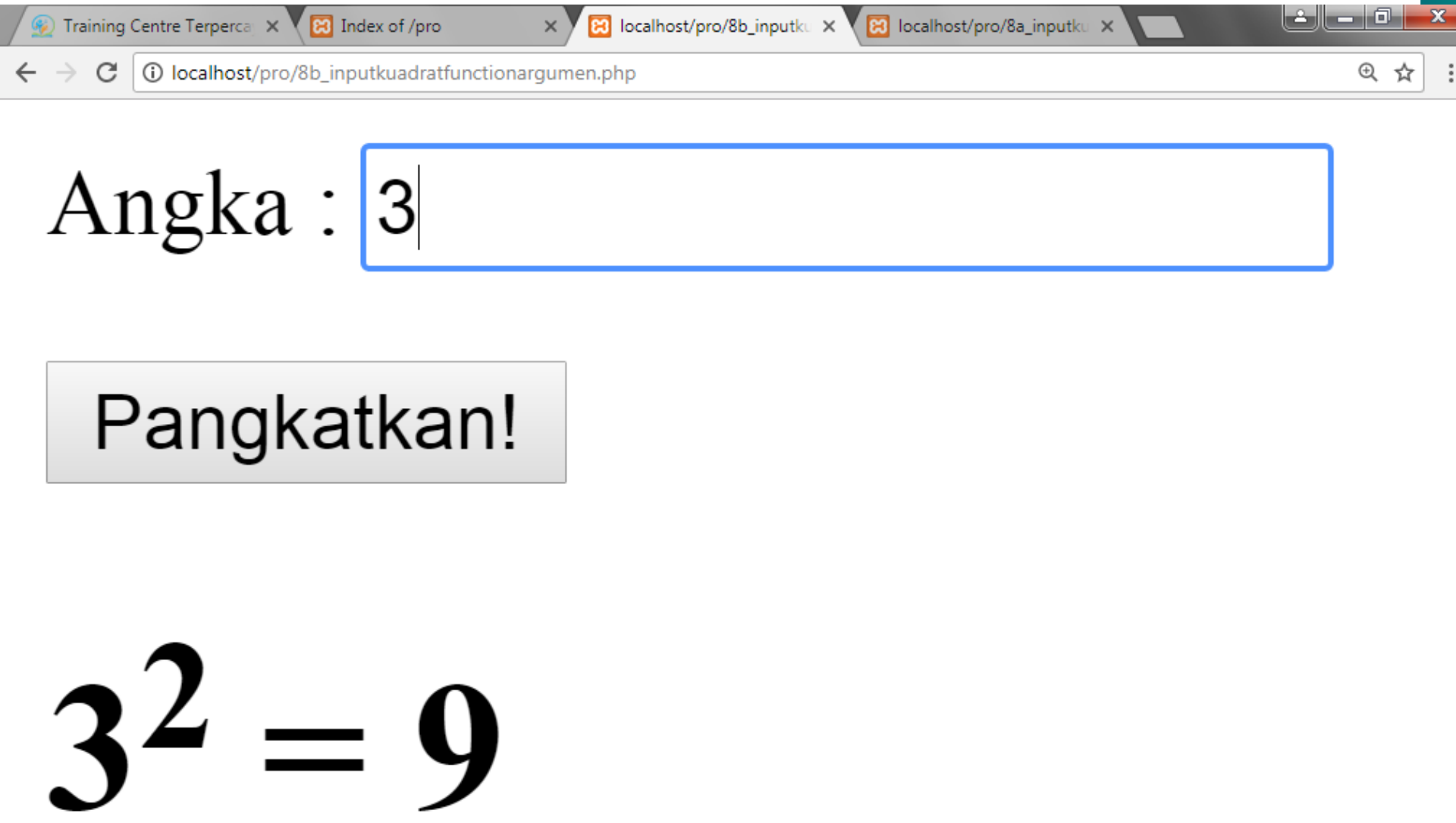
Make its function!



1 Function & 2 Arguments

```
function Nama($x, $y) {
echo "$x Suyono. Lahir th $y <br>";
}

Nama("Budi", "1975");
Nama("Sindhu", "1978");
Nama("Sisca", "1983");
```

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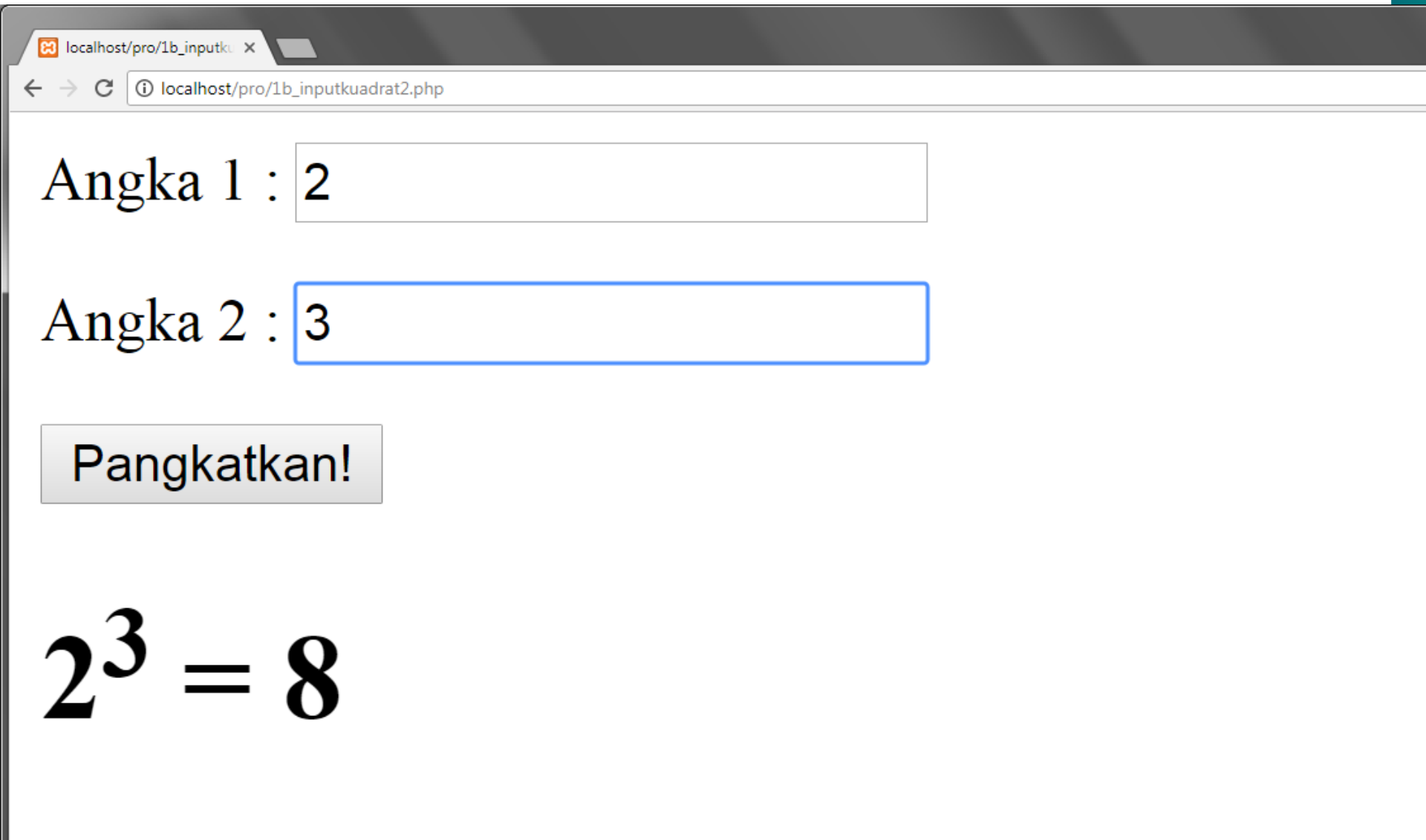
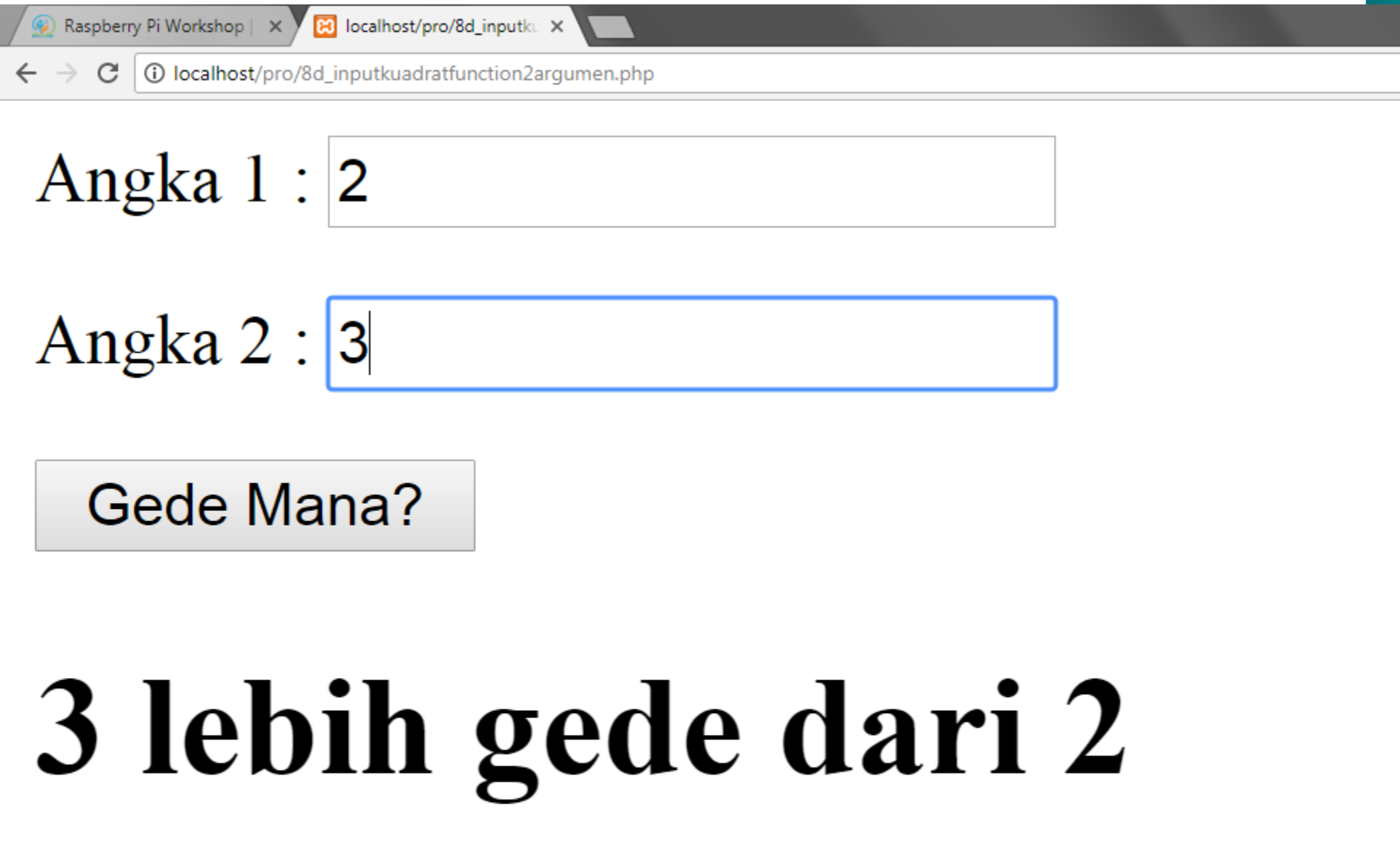
Make it with 2 Arguments on a single Function



Make it with 2 Arguments on a single Function



Return Function

```
function sum($x, $y) {
    $z = $x + $y;
    return $z;
}

echo "5+5= " . sum(5,5) . "<br>";
echo "7+3= " . sum(7,3) . "<br>";
echo "2+4= " . sum(2,4);
```

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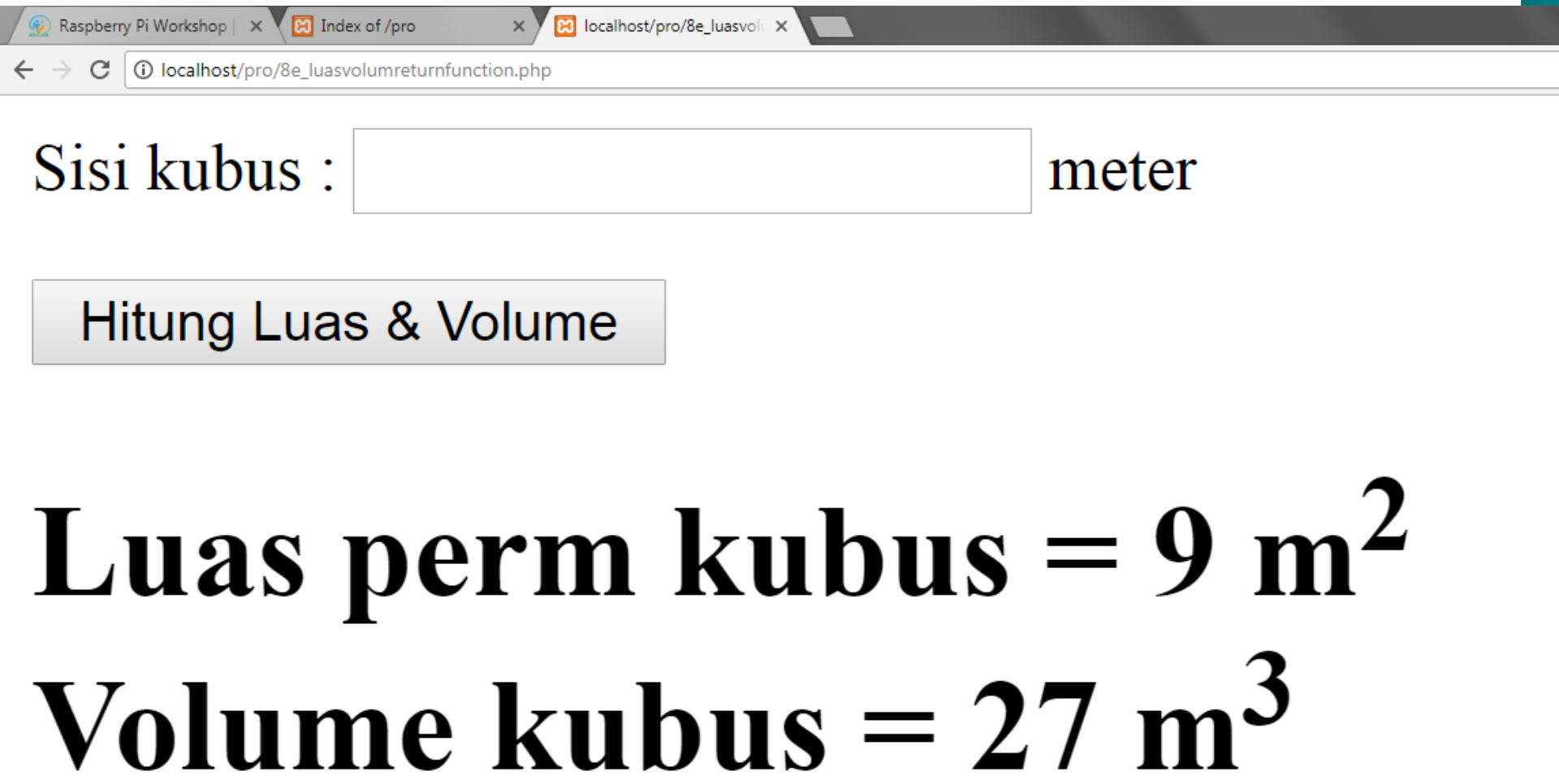
Make it with Return Function



Recursive Function

```
function Pangkat($x, $y){
    if ($x == 1) {
        return $y;
    }
    else {
        return $x = $x * Pangkat($x, $y - 1);
    }
}

echo Pangkat(7,2) . "<br>";
```

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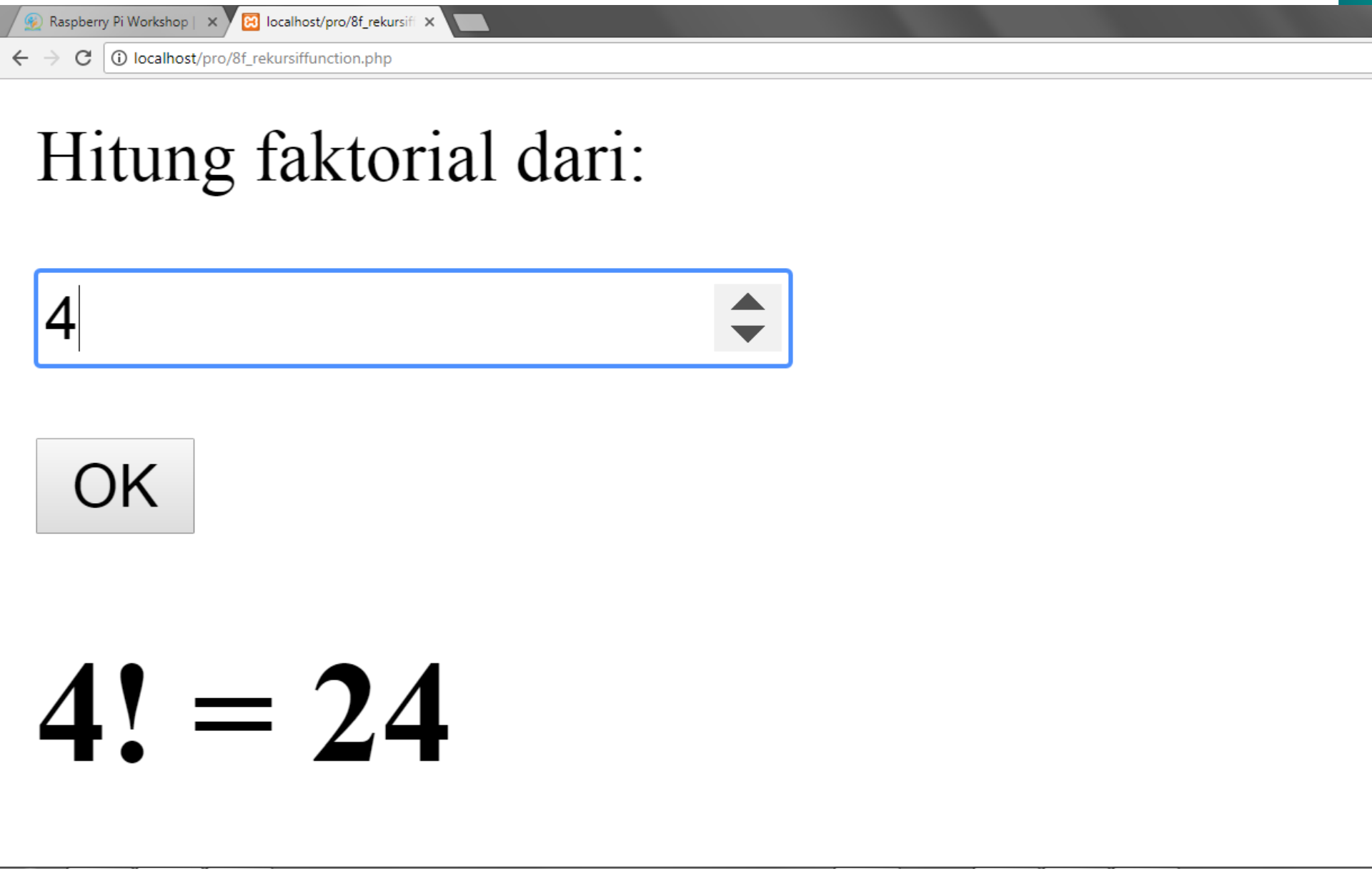
Recursive Function



Define Constant

```php
<?php
define("ALoha", "Welcome to");
define("PWDK", “Purwadhika", true);

function Test() {
        echo ALoha . '<br>';
        echo pwdk . '<br>';
}

Test();
?>
```

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