Programming Fundamental

Exploring

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Switch

```php
<?php
$warna = "merah";
switch ($warna) {
   case "biru":
      echo "Anda suka warna biru!";
      break;
   case "merah":
      echo "Anda suka warna merah!";
      break;
   case "hijau":
      echo "Anda suka warna hijau!";
      break;
   default:
      echo “Bukan biru, merah atau hijau.";
}
?>
```

Solve It!

Switch 2 Var

$alas: sandal / sepatu

$warna: merah / biru

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```
$alas = "sepatu";      //sandal || sepatu
$warna = "merah";   //biru || merah
switch (TRUE) {
   case ($warna=="biru" && $alas=="sandal"):
      echo "Anda suka sandal biru!";
      break;
   case ($warna=="biru" && $alas=="sepatu"):
      echo "Anda suka sepatu biru!";
      break;
   case ($warna=="merah" && $alas=="sandal"):
      echo "Anda suka sandal merah!";
      break;
   case ($warna=="merah" && $alas=="sepatu"):
      echo "Anda suka sepatu merah!";
      break;
   default:
      echo "Anda tidak suka apapun";
}
```

Switch 2 Var

Solve It!

Switch 3 Var

$alas: sandal / sepatu
$warna: merah / biru
$harga: murah / mahal

Solve It!

Mana yang Anda suka?

Gunakan SWITCH, bukan IF!

Pilih alas kaki : ○ Sandal ◉ Sepatu

Pilih warnanya : ○ Merah ◉ Biru

Pilih harganya : ◉ Murah ○ Mahal

OK

Anda suka sepatu biru murah!

while Loop

```php
<?php

$a = 1;

while($a <= 10) {
   echo "Nomor Antrian: $a <br>";
   $a++;
}

?>
```

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do...while Loop

```php
<?php

$b = 1;

do {
   echo "Nomor Antrian: $b <br>";
   $b++;
} while ($b <= 10);

?>
```

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for Loop

```
<?php

for ($c = 1; $c <= 10; $c++)
{
echo “Nomor Antrian: $c <br>”;
}

?>
```

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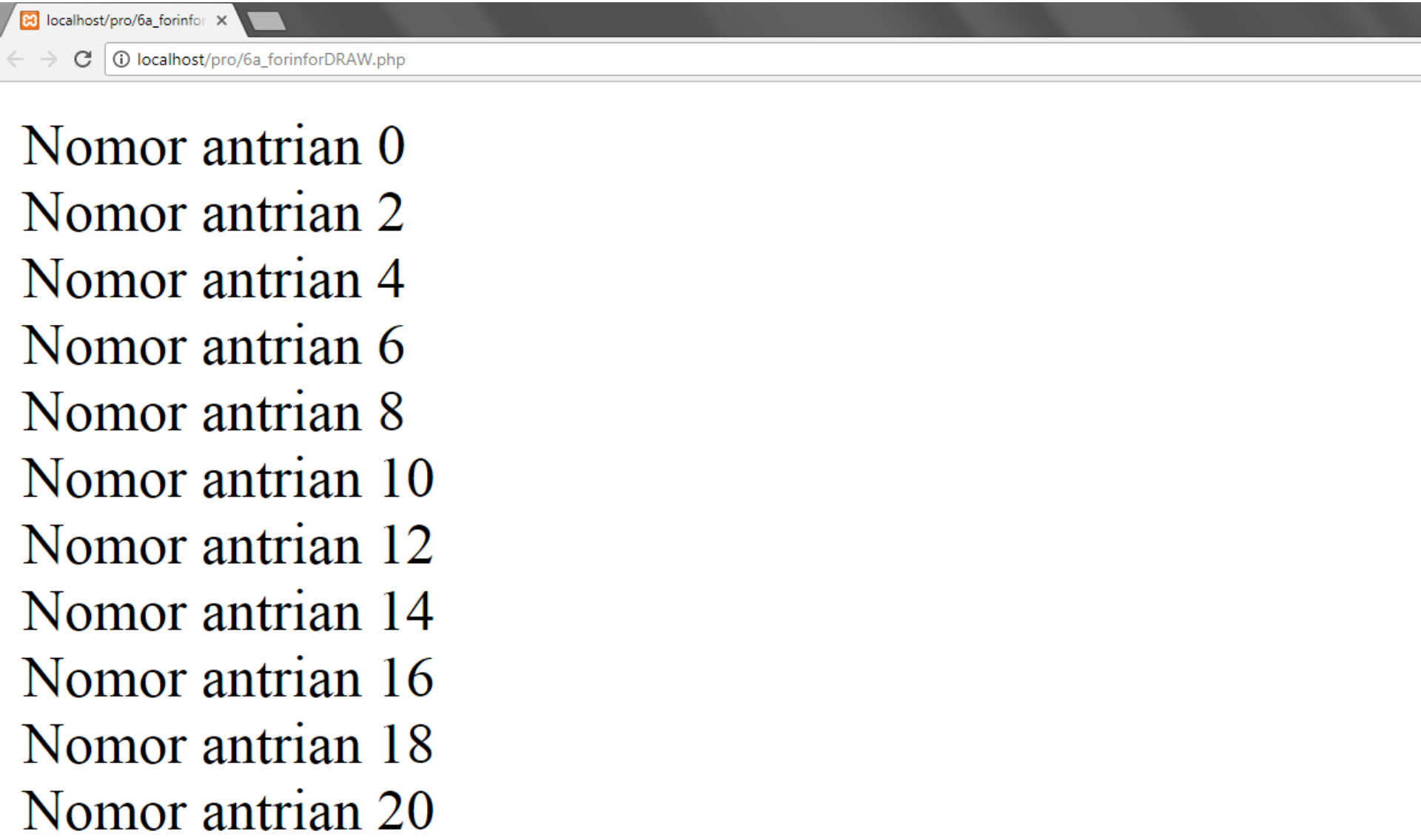
Solve It!

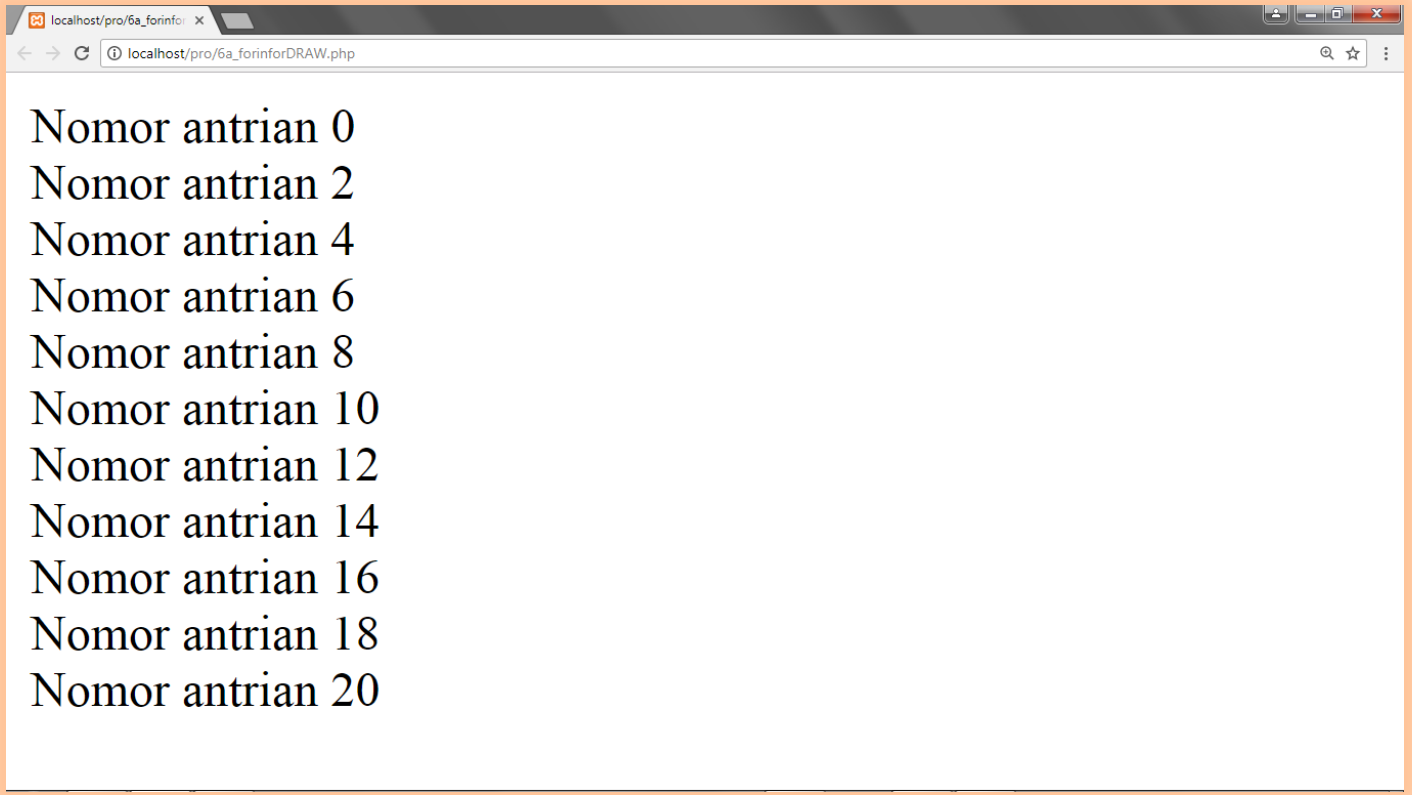

localhost/pro/6a_forinfo
localhost/pro/6a_forinforDRAW.php
Nomor antrian 0
Nomor antrian 2
Nomor antrian 4
Nomor antrian 6
Nomor antrian 8
Nomor antrian 10
Nomor antrian 12
Nomor antrian 14
Nomor antrian 16
Nomor antrian 18
Nomor antrian 20

Solved!

```
<?php

for($horizon=0;$horizon<21;$horizon+=2){
echo "Nomor antrian $horizon <br>";
}

?>
```

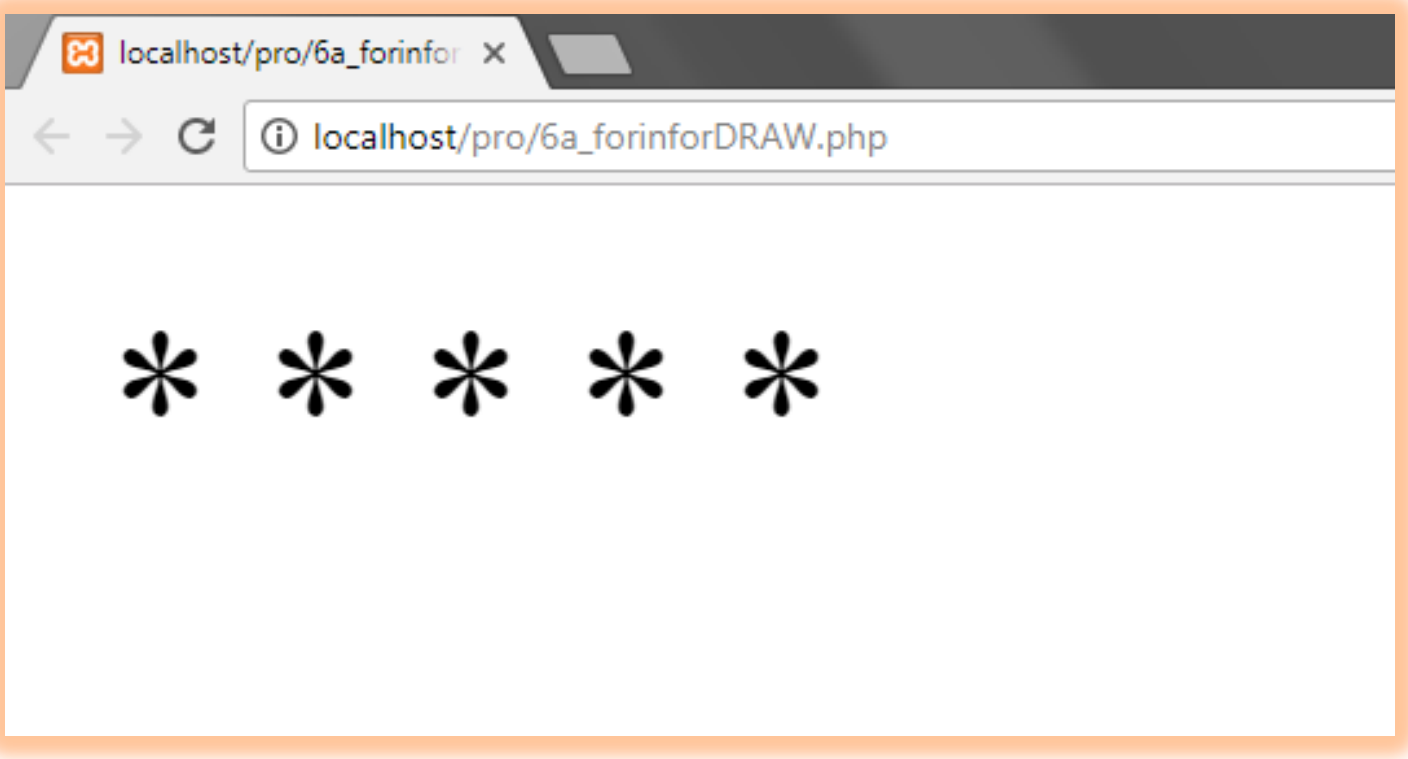


for Loop Drawing

```
<?php

for($horizon=0;$horizon<5;$horizon++){
echo " * ";
}

?>
```

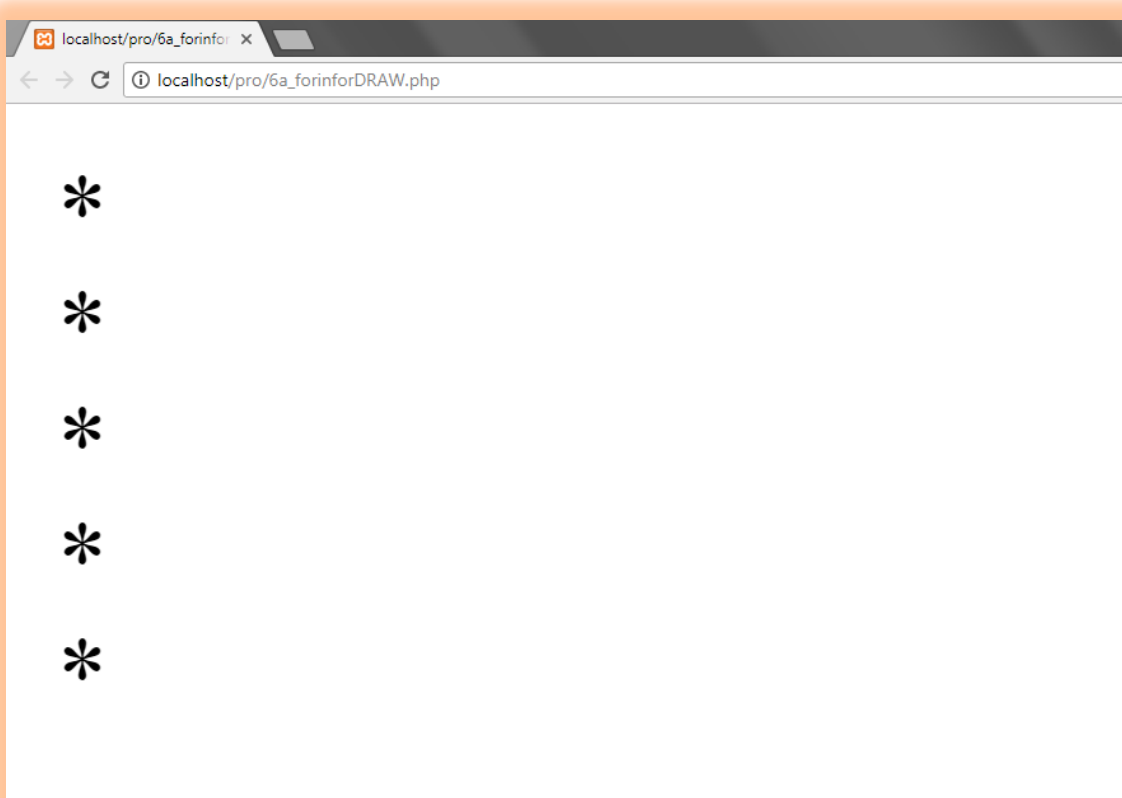


for Loop Drawing

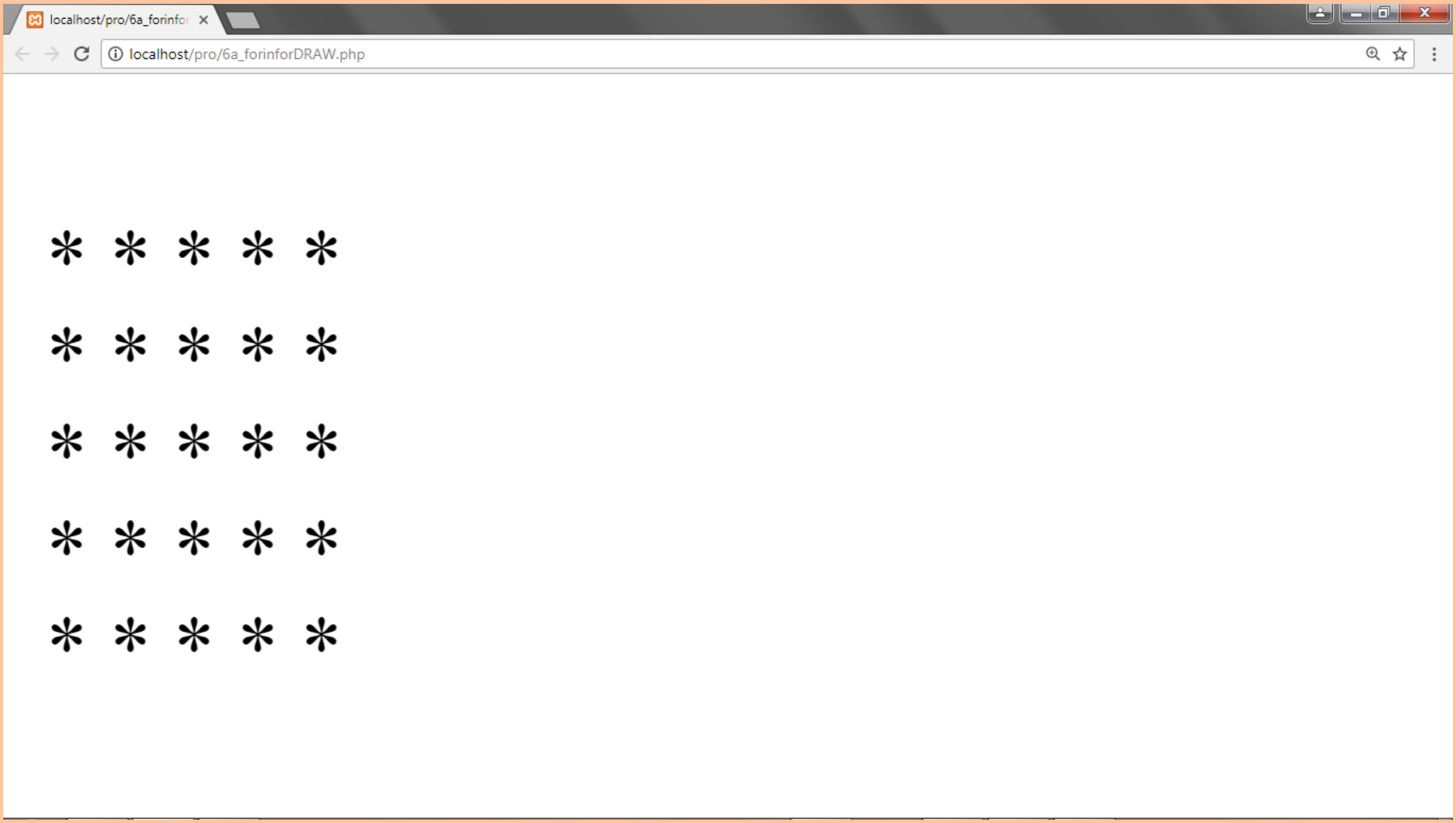
```
<?php

for($vertikal=0;$vertikal<5;$vertikal++){
echo " * <br>";
}

?>
```



Solve It!


localhost/pro/6a_forinfo
localhost/pro/6a_forinforDRAW.php
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* * * * *

for Loop Drawing

```
<?php

for($horizon=0;$horizon<5;
$horizon++){
echo "<br>";
      for($vertikal=0;$vertikal<5;
      $vertikal++){
      echo " * ";
}}

?>
```

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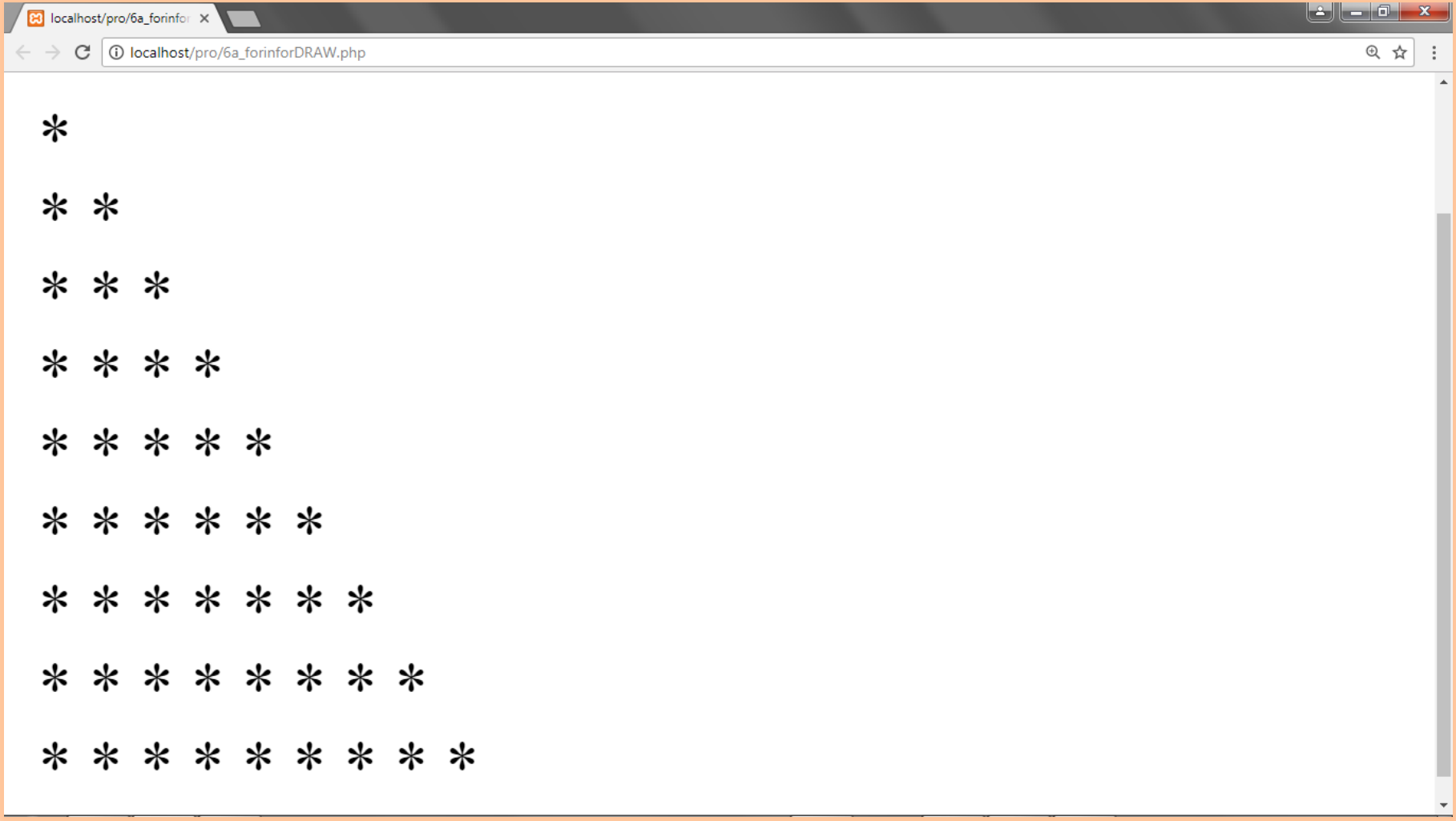
Solve It!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for Loop Drawing

```php
<?php

for($horizon=0;
$horizon<10;
$horizon++){
echo "<br>";
      for($vertikal=0;
      $vertikal<$horizon;
      $vertikal++){
      echo " * ";
}}

?>
```

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Solve It!

localhost/pro/6a_forinfo
localhost/pro/6a_forinforDRAW.php
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for Loop Drawing

```php
<?php

for($horizon=10;
$horizon>0;
$horizon--){
echo "<br>";
      for($vertikal=0;
      $vertikal<$horizon;
      $vertikal++){
      echo " * ";
}}

?>
```

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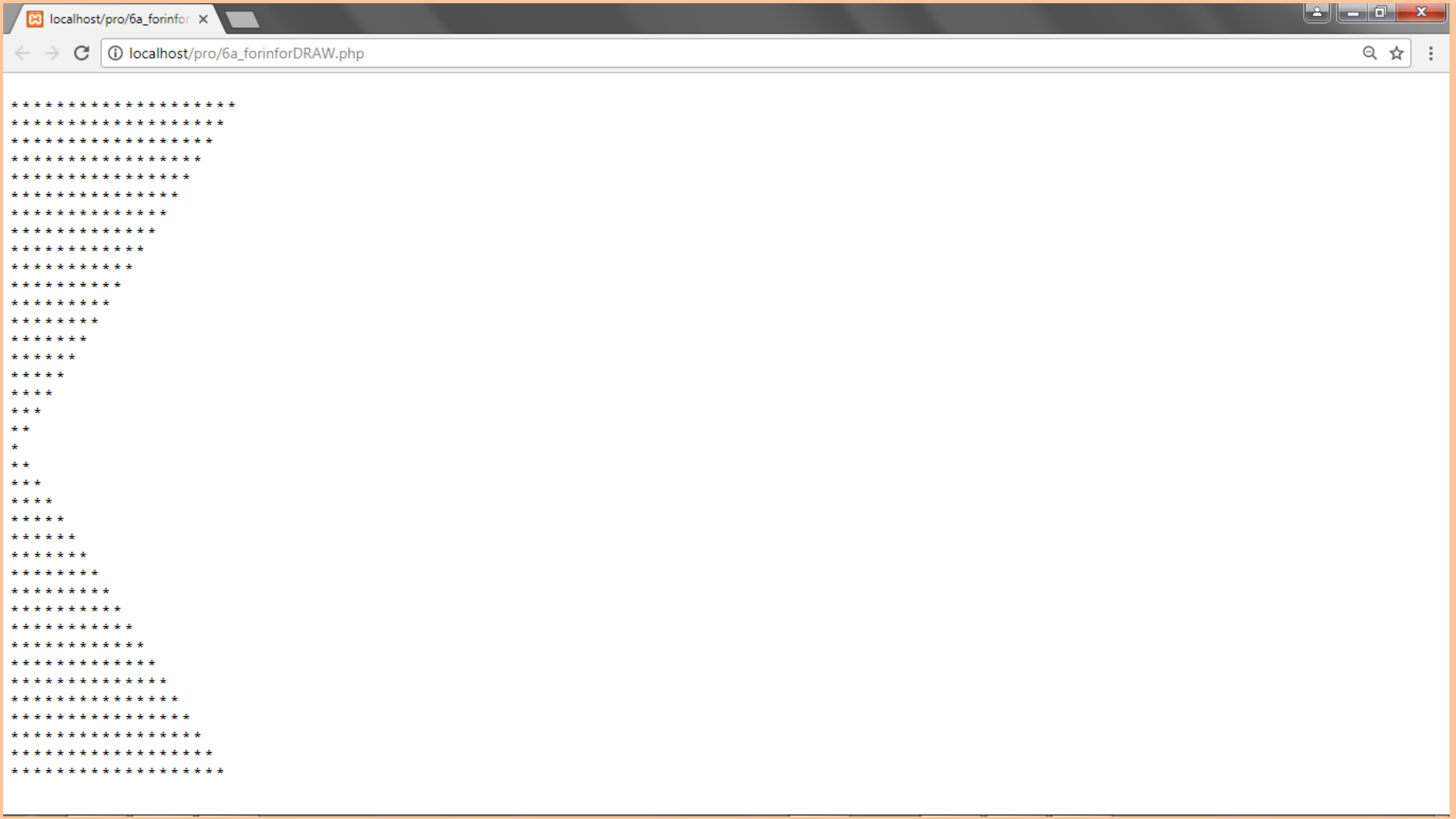
Solve It!


localhost/pro/6a_forinfor
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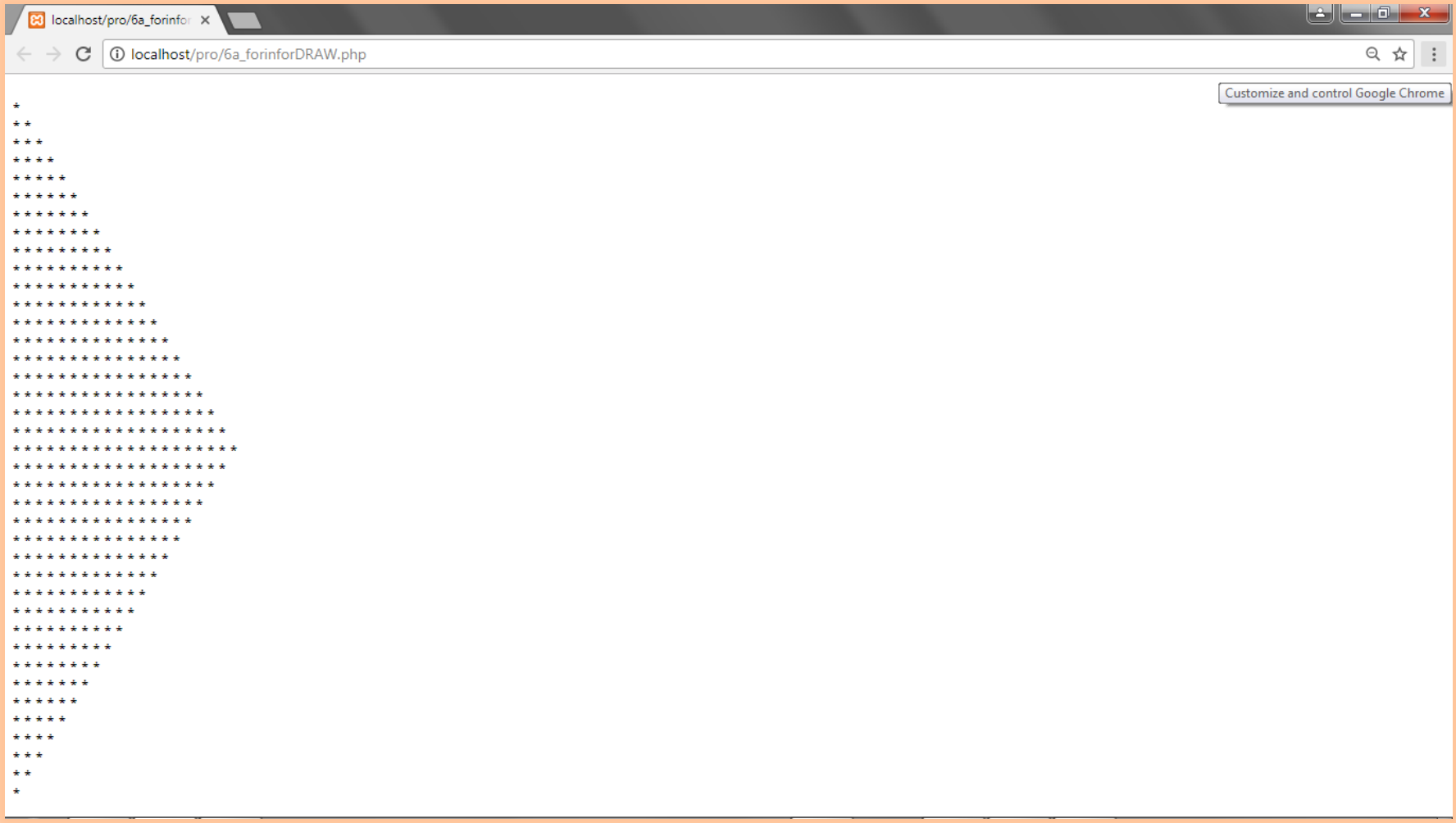
Solve It!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localhost/pro/6a_forinforDRAW.php
Customize and control Google Chrome
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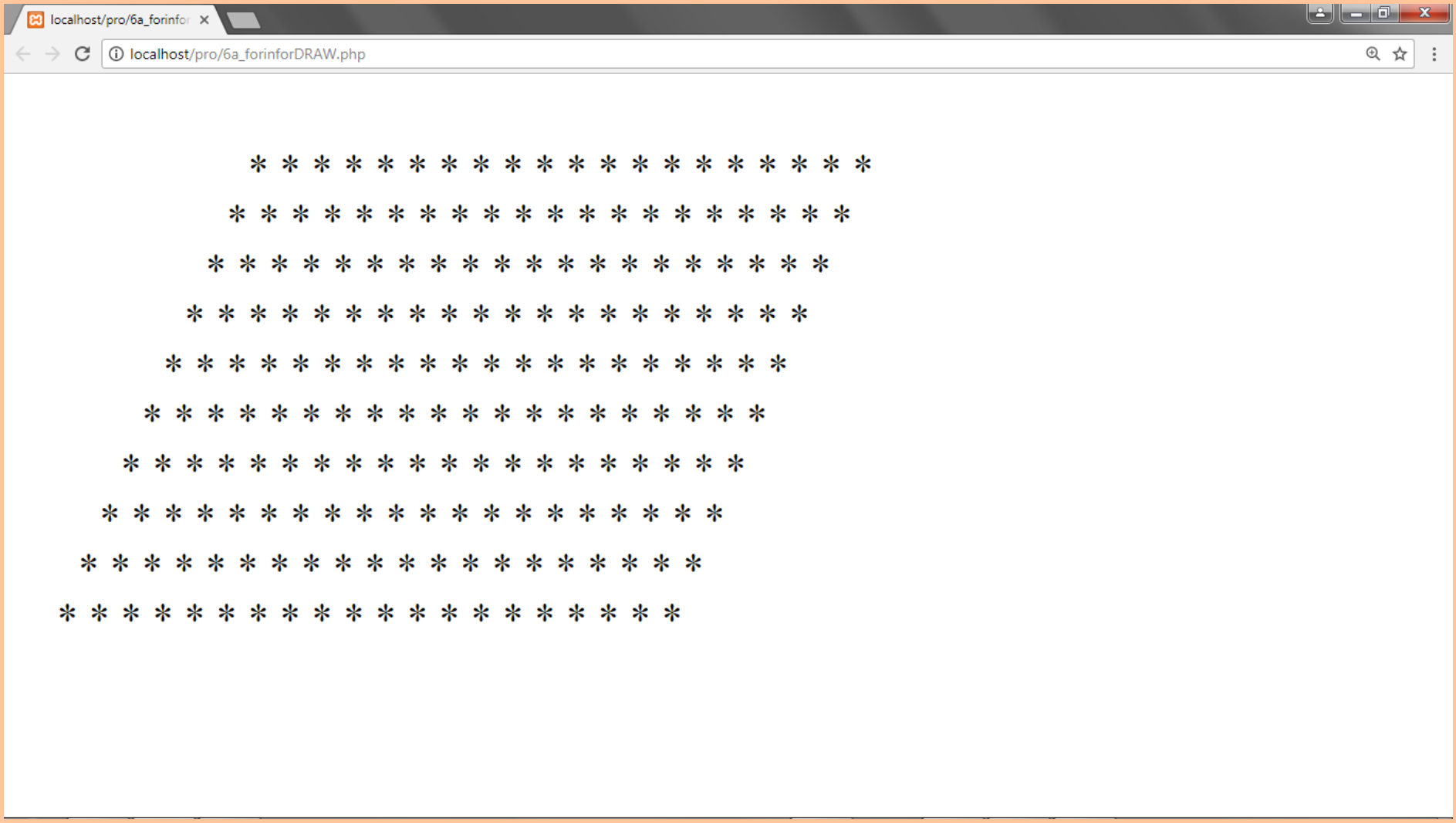
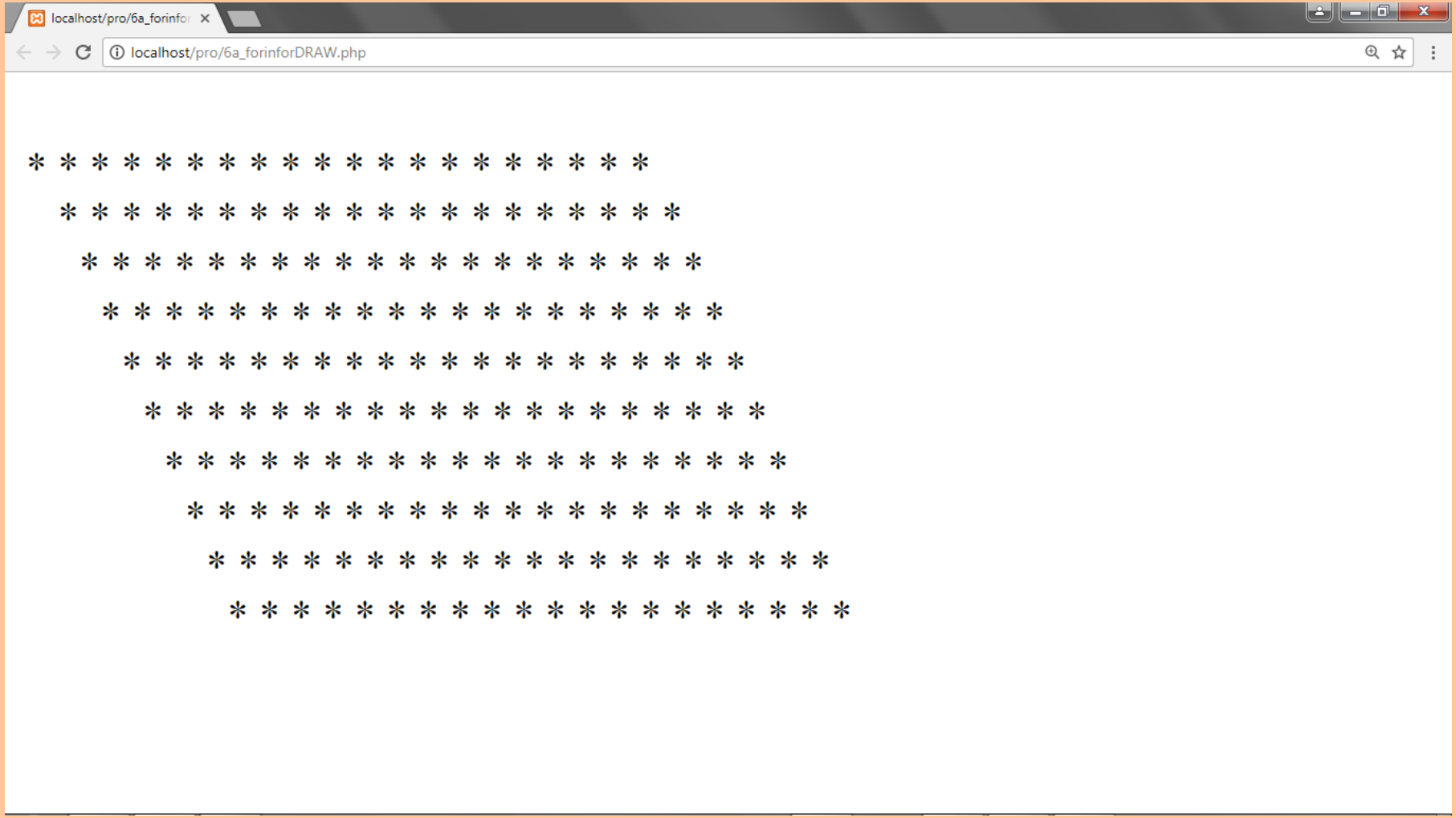
Solve It!


localhost/pro/6a_forinfo
localhost/pro/6a_forinforDRAW.php

Solve It!


localhost/pro/6a_forinfo
localhost/pro/6a_forinforDRAW.php

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