**Nomor 1a**

$n = 8;

for($i = $n; $i>0; $i--){

echo $i;

if($i == 1){

$n = $n-1;

$i = $n;

echo "\n";

}

}

**Nomor 1b.**

<?php

// example code

$n = 50;

if($n%2 == 0){

$n = $n-1;

}

$med = round($n/2);

for($i=0;$i<$n;$i++){

$x = 0;

if($i<$med){

$x = $i;

} else {

$x = ($n-$i-1);

}

for($a=0;$a<$n;$a++){

if($i == 0 || $i == $n-1){

echo "#";

} else {

if($a == 0 || $a == $n-1){

echo "#";

} else {

if($a == 0 || $a == $n-1){

echo "#";

} else {

if($a == $x || $a == $n-1-$x){

echo "#";

} else {

echo " ";

}

}

}

}

if($a == $n-1){

echo "\n";

}

}

}

**Nomor 2**

<?php

$n = "21.345.679";

$n = str\_split(str\_replace(".","", $n));

$x = count($n);

for($i=0;$i<$x;$i++){

if($i==0){

echo $n[count($n)-$x];

} else {

echo "0";

}

if($i == ($x-1)){

$x = $x-1;

$i = -1;

echo "\n";

}

}

**Struktur Database**

