/\*\*

\* @param $total [你要发的红包总额]

\* @param int $num [发几个]

\* @return array[生成红包金额]

\*/

function getRedGift($total, $num = 10)

{

$min = 0.01;

$wamp = array();

$returnData = array();

for ($i = 1; $i < $num; ++$i) {

$safe\_total = ($total - ($num - $i) \* $min) / ($num - $i); //红包金额的最大值

if ($safe\_total < 0) break;

$money = @mt\_rand($min \* 100, $safe\_total \* 100) / 100;//随机产生一个红包金额

$total = $total - $money;//剩余红包总额

$wamp[$i] = round($money, 2);//保留两位有效数字

}

$wamp[$i] = round($total, 2);

$returnData['MoneySum'] = $wamp;

$returnData['newTotal'] = array\_sum($wamp);

return $returnData;

}

//测试

$data = getRedGift(100, 10);

print\_r($data);

//result:

/\*

Array

(

[1] => 8.7

[2] => 10.09

[3] => 6.23

[4] => 6.87

[5] => 0.47

[6] => 3.12

[7] => 7.52

[8] => 12.21

[9] => 20.53

[10] => 24.26

)\*/