

Programmer Test 2

1.1

```
function first($size)
{
    for($i = 0; $i <= $size; $i++)
    {
        for($j = 0; $j <= $size - $i; $j++)
            echo " ";
        for($k = 0; $k <= $i; $k++)
            echo 'O';
        echo "\n";
    }
}
```

1.2

```
function second($size)
{
    for($i = 0; $i <= $size; $i++)
    {
        for($j = 0; $j <= $size - $i; $j++)
            echo " ";
        for($k = 0; $k <= $i; $k++)
            echo 'O';
        for($l = 0; $l <= $i - 1; $l++)
            echo 'O';
        echo "\n";
    }
}
```

2.1

\$salary = 10200

2.2.1

200

2.2.2

Your Score is: Average

3.1

15000, 20000

3.2.1

echo \$marks["mohammad"]["physics"];

3.2.2

```
foreach($marks as $mars)
{
    foreach($mars as $subs)
        echo $subs . " ";
}
```

4.

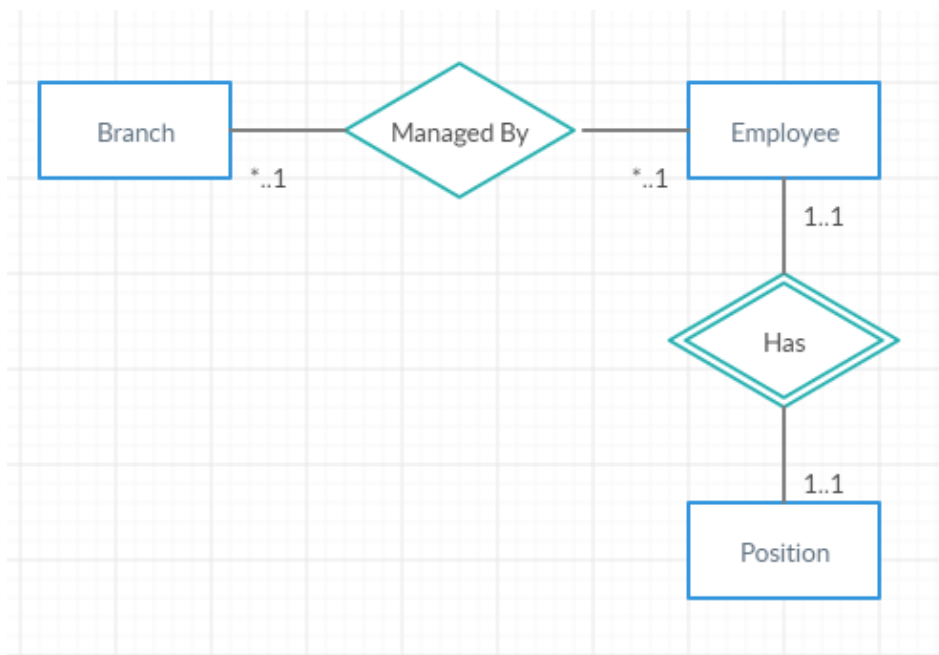
```
<style>
div
{
    float:left;
    width:240px;
    height:200px;
    margin-left:10px;
    border:1px solid black;
}
</style>
```

```
<div>1</div>
```

```
<div>2</div>
```

```
<div>3</div>
```

5.1



5.2

```
INSERT INTO Branch  
VALUES(name = 'New Branch')  
WHERE province = “เชียงใหม่” OR  
Province = “เชียงราย” OR  
Province = “ภูเก็ต”;
```

5.3

```
DELETE FROM position  
WHERE position_name = “sale”;
```

5.4

```
UPDATE Branch  
SET branch_name = “นครราชสีมา”  
WHERE branch_name = “ปัตตานี”;
```

5.5

```
SELECT * FROM Employee LIMIT 0, 400;
```

5.6

```
SELECT * FROM Employee  
LEFT JOIN Branch ON Employee.branch_id = Branch.branch_id  
WHERE Branch.branch_name = “ระยอง” AND Branch.branch_name “กรุงเทพ”;
```

5.7

```
SELECT * FROM Employee  
LEFT JOIN Branch ON Employee.branch_id = Branch.branch_id  
LEFT JOIN Position ON Employee.position_id = Position.position_id  
WHERE Branch.branch_name = “เลย” AND Position.position_name = “programmer”;
```

5.8

```
SELECT * FROM Employee  
  
LEFT JOIN Branch ON Employee.branch_id = Branch.branch_id  
  
LEFT JOIN Position ON Employee.position_id = Position.position_id  
  
ORDER BY Employee.employee_id ASC;
```

6.

Well Paid Job

7.

Google, Stack Overflow, YouTube, etc..

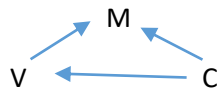
8.

Model, View, Controller

Model = Manages the Database

View = Return the requested page to the clients

Controller = Control the user input data



9.

FTP on steroid. (The world's leading software development platform)

<https://github.com/>

10.

[https://en.wikipedia.org/wiki/Docker_\(software\)](https://en.wikipedia.org/wiki/Docker_(software))

11.

A Dependency Manager for PHP

<https://getcomposer.org/>

12.

Prepros compiles your files, transpiles your JavaScript, reloads your browsers and makes it really easy to develop & test your websites so you can focus on making them perfect.

<https://prepros.io/>

13.

0

14.

Never

15.

Codeigniter – someone told me to

16.

Google fancy Web Service

17.

Make your websites become easier to find.