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Counter Hit with IP address Example :

Connect.php :

```
<?php

$conn_error = 'Could not connect.';
$mysql_host = 'localhost';
$mysql_user = 'root';
$mysql_pass = '';
$mysql_db = 'counthit';

$conn = @mysqli_connect($mysql_host, $mysql_user, $mysql_pass);

if (!@mysqli_connect($mysql_host, $mysql_user, $mysql_pass) || !@mysqli_select_db(
$conn, $mysql_db)) {
    die($conn_error);
}
?>
```

Index.php :

```
<?php

require ('connect.php');
// $user = $_SERVER['REMOTE_ADDR'];
$user = '::6';
function ip_exists($ip){
    global $user;
    global $conn;
    echo $qry = "select ip from ip_add where ip = '$user'";
    $res = mysqli_query($conn,$qry);
    if(@mysqli_num_rows($res)==0) {
        return false;
    } else if(mysqli_num_rows($res) == 1){
        return true;
    }
}

function ip_add($ip){
    $qry = "insert into ip_add values('$ip')";
    global $conn;
    mysqli_query($conn,$qry);
}
```

```

}
// ip_add($user);
function update_count(){
    $qry = "select count from hit_count";
    global $conn;
    if ($result = mysqli_query($conn , $qry)) {
        if($num = mysqli_num_rows($result) > 0) {
            while ($data = mysqli_fetch_assoc($result)) {
                $count = $data['count'];
            }
            $countnow = $count + 1;
            $qry = "update hit_count set count = '$countnow'";
            if (mysqli_query($conn,$qry)) {
            }
        } else {
            echo "No result found.....";
        }
    } else {
        echo mysqli_error($conn);
    }
}
}
if(!ip_exists($user))
{
    update_count();
    ip_add($user);
}

?>

```

LEFT JOIN :

- Table/column aliases :
 - Select [column_name] AS [Aliase_name] from [table_name];
 - Select [salary_increment] AS [incr_sal] from [employee];
- Inner join :
 - Select name, salary from employee e1 INNER JOIN employee_list e2 ON e1.salary = e2.salary;
- Left join : (Find all employees whose salary is in employee table)
 - Select name, salary from employee e1 LEFT JOIN employee_list e2 ON e1.salary = e2.salary;
- Right join :
 - Select name, salary from employee e1 RIGHT JOIN employee_list e2 ON e1.salary = e2.salary;
- Cross join :
 - Select name,salary from employee AS e1 CROSS JOIN employee_list AS e2;
- Self-join :
 - Select e1.name, e2.name, e1.salary from employee e1 INNER JOIN employee e2 ON e1.name=e2.name;

LIKE :

Select * from [table_name] where [field_name] LIKE [value];

Select * from [employee] where [first_name] LIKE '%a';

NOT LIKE :

Select * from [table_name] where [field_name] NOT LIKE [value];

Select * from [employee] where [first_name] NOT LIKE '%a';

Filtering Data :

- **WHERE :**
 - Select * from [table_name] where [field_name];
- **SELECT DISTINCT : [Unique value]**
 - Select DISTINCT from [table_name];
- **AND :**
 - Select * from [table_name] where [condition1] AND [condition2]
- **OR :**
 - Select * from [table_name] where [condition1] OR [condition2]
- **BETWEEN :**
 - Select * from [table_name] where [field_name] BETWEEN [value1] AND [value2];
 - Select * from [employee] where [age] BETWEEN [18] AND [30];

- **IN :**
 - Select * from [table_name] where [field_name] IN [arg1,arg2,...]
 - Select * from [employee] where [country] IN ['india','china','america']

- **LIKE :**
 - Select * from [table_name] where [field_name] LIKE [value];
 - Select * from [employee] where [first_name] LIKE '%a';
- **LIMIT : [Get first 5 records]**
 - Select * from [table_name] where [condition] LIMIT 5;
- **IS NULL / IS NOT NULL :**
 - Select * from [table_name] where [condition] IS NULL
 - Select * from [table_name] where [condition] IS NOT NULL
 - E.G : Select * from [employee] where [sales] IS NULL [get the employees who don't have a sales representative]
 - E.G : Select * from [employee] where [sales] IS NOT NULL [get the employees who have a sales representative]