

- Number of times any webpage was visited by the same IP address

Map

```
function() {

    var key = { "ip" : this.ip_address, "page" : this.address};
    var value = 1;
    emit(key, value);

}
```

Reducer

```
function(key, values) {
    var result = 0;
    values.forEach(function(v){
        print("value : " + v);
        result += v
    });

    return result;
}
```

```
{ "_id" : { "ip" : "1.162.207.87", "page" : "/yiran/finalP2.zip" }, "value" : 2 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//3rdparty/phpMyAdmin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//PMA/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//_admin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//_phpMyAdmin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//admin/phpmyadmin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//admn/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//backup/phpMyAdmin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//bkup/phpmyadmin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//cpadmindb/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//cpanelmysql/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//cpanelsql/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//cphpmyadmin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//dbadmin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//myadmin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//mysqladmin/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//mysqladminconfig/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//mysqlmanager/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//p/m/a/scripts/setup.php" }, "value" : 1 }
{ "_id" : { "ip" : "1.170.44.84", "page" : "//PhpMyAdMiN/scripts/setup.php" }, "value" : 1 }
Type "it" for more
```

- Number of times any webpage was visited each month

```
function() {  
  
    var key = { "ip" : this.month, "page" : this.address};  
    var value = 1;  
    emit(key, value);  
  
}
```

Reducer

```
function(key, values) {  
    var result = 0;  
    values.forEach(function(v){  
        print("value : " + v);  
        result += v  
    });  
  
    return result;  
}
```

```
{ "_id" : { "ip" : "Apr", "page" : "" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "/" }, "value" : 56 }  
{ "_id" : { "ip" : "Apr", "page" : "%c0%ae%c0%ae/%c0%ae%c0%ae/%c0%ae%c0%ae/boot.ini" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "%c0%ae%c0%ae/%c0%ae%c0%ae/%c0%ae%c0%ae/etc/passwd" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "/../../../../../../../../boot.ini" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "/../../../../../../../../etc/passwd" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//PMA/" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//PMA2005/" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//admin/" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//admin/index.php" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//admin/phpmyadmin/index.php" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//admin/pma/index.php" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//db/index.php" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//dbadmin/index.php" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//index.php" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//myadmin/" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//myadmin/index.php" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//mysql-admin/" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//mysql/index.php" }, "value" : 1 }  
{ "_id" : { "ip" : "Apr", "page" : "//mysqladmin/index.php" }, "value" : 1 }  
Type "it" for more
```