Practical No 6
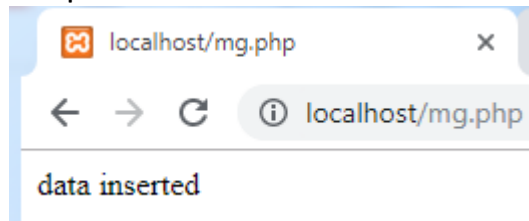
PHP and MongoDB

Connecting PHP with MongoDB and inserting, retrieving, updating and Deleting.

1)Insert data

```php
<?php
$db=new MongoClient();
$mydb=$db->company;
$mycol=$mydb->emp;
$data=array(array("id"=>102,"name"=>"Saish","sal"=>30000),
                    array("id"=>103,"name"=>"Frank","sal"=>20000));
$mycol->insert($data);
echo "data inserted";
?>
```

Output:


```
> db.emp.find().pretty()
{
        "_id" : ObjectId("5d3aade2278386a00f000029"),
        "id" : 101,
        "name" : "Aniket",
        "sal" : 30000,
        "gender" : "Male"
}
{
        "_id" : ObjectId("5d3ab2af278386a00f00002a"),
        "0" : {
                "id" : 102,
                "name" : "Saish",
                "sal" : 30000
        },
        "1" : {
                "id" : 103,
                "name" : "Frank",
                "sal" : 20000
        }
}
```
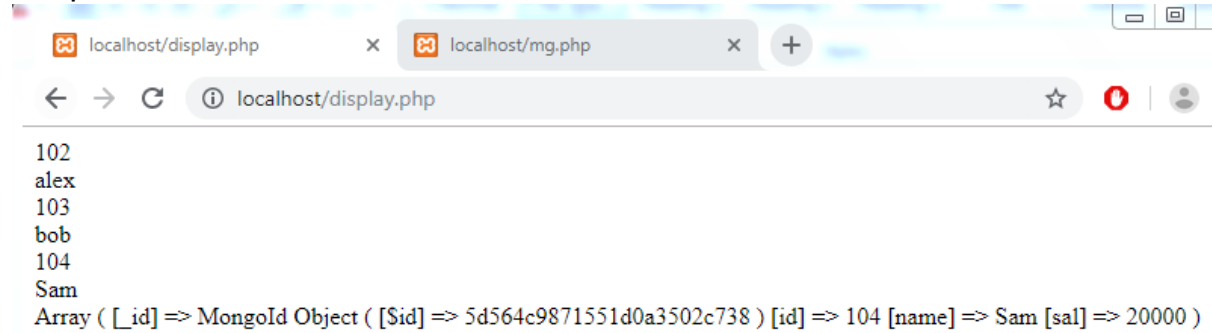
2)retrieving data:

```php
<?php
$db=new MongoClient();
$mydb=$db->company;
$mycol=$mydb->emp1;
$table=$mycol->Find();
foreach ($table as $row) {
      echo $row['id']."<br>";
      echo $row['name']."<br>";
}
$one=$mycol->findOne(array('id'=>104));
```

```php
print_r($one);
foreach ($one as $r) {
        echo $r['id'];
}
?>
```
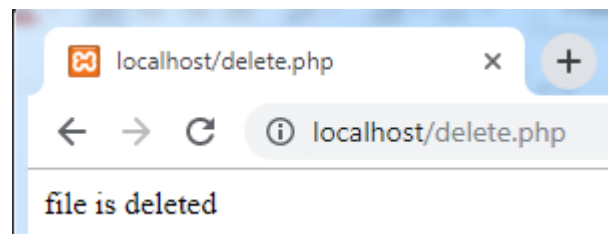
Output:

3)Deleting
```php
<?php
$db=new MongoClient();
$mydb=$db->company;
$mycol=$mydb->emp1;

$mycol->remove(array("id"=>101));
echo "file is deleted";
?>
```

Output:

4)updating:

```php
<?php
$db=new MongoClient();
$mydb=$db->company;
```
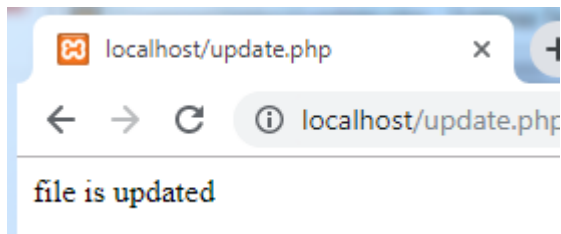
```php
$mycol=$mydb->emp1;


$mycol->remove(array("id"=>101));

echo "file is deleted";

?>
```

```
> db.emp.find().pretty()
{
        "_id" : ObjectId("5d3ab2af278386a00f00002a"),
        "0" : {
                "id" : 102,
                "name" : "Saish",
                "sal" : 30000
        },
        "1" : {
                "id" : 103,
                "name" : "Frank",
                "sal" : 20000
        }
}
```


file is updated

```
> db.emp1.find().pretty()
{
        "_id" : ObjectId("5d564c7271551d0a3502c736"),
        "id" : 102,
        "name" : "Jhon",
        "sal" : 30000
}
{
        "_id" : ObjectId("5d564c8571551d0a3502c737"),
        "id" : 103,
        "name" : "Frank",
        "sal" : 20000
}
```