## Practical No 6

## PHP and MongoDB

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

```
1)Insert data
<?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:
   localhost/mg.php
   ← → C (i) localhost/mg.php
  data inserted
  db.emp.find().pretty()
       "_id" : ObjectId("5d3aade2278386a00f000029"),
       _id : 101,

"id" : 101,

"name" : "Aniket",

"sal" : 30000,

"gender" : "Male"
       "_id" : ObjectId("5d3ab2af278386a00f00002a"),
          },
"1" : {
        "id" : 103,
        "name" : "Frank",
        "sal" : 20000
2)retrieving data:
<?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));

```
print_r($one);
foreach ($one as $r) {
       echo $r['id'];
}
?>
Output:
                                                                                    × +
   🔀 localhost/display.php
                           x 🔯 localhost/mg.php
  ← → C ① localhost/display.php
                                                                                ☆ 🕐 😩
 102
 alex
 103
 bob
 104
 Array ( [_id] => MongoId Object ( [$id] => 5d564c9871551d0a3502c738 ) [id] => 104 [name] => Sam [sal] => 20000 )
3)Deleting
<?php
$db=new MongoClient();
$mydb=$db->company;
$mycol=$mydb->emp1;
$mycol->remove(array("id"=>101));
echo "file is deleted";
?>
Output:
    localhost/delete.php
                                          +
       → C i localhost/delete.php
  file is deleted
 Command Prompt - mongo
 > db.emp.find().pretty()
           "_id" : ObjectId("5d3ab2af278386a00f00002a"),
           "0" : {
                     "id" : 102,
"name" : "Saish",
"sal" : 30000
          },
"1" : {
        "id" : 103,
        "name" : "Frank",
        "sal" : 20000
4)updating:
<?php
$db=new MongoClient();
$mydb=$db->company;
```

```
$mycol=$mydb->emp1;
$mycol->remove(array("id"=>101));
echo "file is deleted";
?>
> db.emp.find().pretty()
          __id" : ObjectId("5d3ab2af278386a00f00002a"),
         },
"1" : {
    "id" : 103,
    "name" : "Frank",
    "sal" : 20000
}
   localhost/update.php
   ← → C ① localhost/update.php
  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
```