

Name: Madhav Lonkar Rollno:COTC41

Project-Payroll Management System

```
> use Madhav
```

```
switched to db Madhav
```

```
> db.create collection("Employee")
```

```
uncaught exception: SyntaxError: unexpected token: identifier :
```

```
@(shell):1:10
```

```
> db.createcollection("Employee")
```

```
uncaught exception: TypeError: db.createcollection is not a function :
```

```
@(shell):1:1
```

```
> db.createCollection("Employee")
```

```
{ "ok" : 1 }
```

```
> db.Employee.insert({Rollno:1,name:"Madhav",class:"compTE",fees:98492})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> db.Employee.insert({Rollno:2,name:"Nandkumar",class:"compTE",fees:98492})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> db.Employee.insert({Rollno:3,name:"Gururaj",class:"compSE",fees:50000})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> db.Employee.insert({Rollno:4,name:"Sanket",class:"compTE",fees:1000})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> db.Employee.find().preety()
```

```
uncaught exception: TypeError: db.Employee.find(...).preety is not a function :
```

```
@(shell):1:1
```

```
> db.Employee.find().pretty()
```

```
{
  "_id" : ObjectId("634c3add4f5bc8c32b2e55ac"),
  "Rollno" : 1,
  "name" : "Madhav",
  "class" : "compTE",
  "fees" : 98492
}
```

```

}
{
  "_id" : ObjectId("634c3aed4f5bc8c32b2e55ad"),
  "Rollno" : 2,
  "name" : "Nandkumar",
  "class" : "compTE",
  "fees" : 98492
}
{
  "_id" : ObjectId("634c3b0a4f5bc8c32b2e55ae"),
  "Rollno" : 3,
  "name" : "Gururaj",
  "class" : "compSE",
  "fees" : 50000
}
{
  "_id" : ObjectId("634c3b2b4f5bc8c32b2e55af"),
  "Rollno" : 4,
  "name" : "Sanket",
  "class" : "compTE",
  "fees" : 1000
}
> var mapfunction1=function(){emit(this.class,this.fees);}
> var reducefunction1=function(keyclass,valuefees){return Array.sum(valuefees);};
> db.Employee.mapReduce(mapfunction1,reducefunction1,{out:"final_fees"})
{ "result" : "final_fees", "ok" : 1 }
> db.final_fees.find()
{ "_id" : "compTE", "value" : 197984 }
{ "_id" : "compSE", "value" : 50000 }

```