Assignment 2

Create Database using Extended JSON with its different datatype in BSON

```
> db.types.find();
{ "_id" : ObjectId("625d89b5a9237321dd9b9e19"), "INTEGER" : 19 }
{ "_id" : ObjectId("625d8a52a9237321dd9b9e1a"), "BOOLEAN" : true }
{ "_id" : ObjectId("625d8a52a9237321dd9b9e1b"), "DOUBLE" : 19.112 }
{ "_id" : ObjectId("625d8a52a9237321dd9b9e1c"), "STRING" : "DINESH MADDINENI" }
{ "_id" : ObjectId("625d8b90a9237321dd9b9e1e"), "names" : [ "Dinesh", "Sunil", "Chandu", "Sekhar", "Phani" ] }
> var companies={"Thundersoft":4.5,"Mindtree":4.0,"CGI":4.5,"Hcl":4.25,"capgemini":4.0,"Wipro":3.5,"Infy":3.6}
> db.types.insert({"Companies":"Selected Companies","Companies":companies});
WriteResult({ "nInserted" : 1 })
> db.types.find();
{ "_id" : ObjectId("625d89b5a9237321dd9b9e19"), "INTEGER" : 19 }
{ "_id" : ObjectId("625d8a52a9237321dd9b9e1a"), "BOOLEAN" : true }
{ "_id" : ObjectId("625d8a52a9237321dd9b9e1b"), "DOUBLE" : 19.112 }
{ "_id" : ObjectId("625d8a52a9237321dd9b9e1c"), "STRING" : "DINESH MADDINENI" }
{ "_id" : ObjectId("625d8b90a9237321dd9b9e1e"), "names" : [ "Dinesh", "Sunil", "Chandu", "Sekhar", "Phani" ] }
{ "_id" : ObjectId("625d8c5fa9237321dd9b9e1f"), "Companies" : { "Thundersoft" : 4.5, "Mindtree" : 4, "CGI" : 4.5, "Hcl" : 4.25, "capgemini" : 4, "Wipro" : 3.5, "Infy" : 3.6
} }
> db.types.insert({"Email":null});
WriteResult({ "nInserted" : 1 })
> var date=new Date()
>       var date2=ISODate()
>       var month=date2.getMonth()
> db.TestCollection.insert({"Date":date, "Date2":date2, "Month":month})
WriteResult({ "nInserted" : 1 })
> db.types.find();
{ "_id" : ObjectId("625d89b5a9237321dd9b9e19"), "INTEGER" : 19 }
{ "_id" : ObjectId("625d8a52a9237321dd9b9e1a"), "BOOLEAN" : true }
{ "_id" : ObjectId("625d8a52a9237321dd9b9e1b"), "DOUBLE" : 19.112 }
{ "_id" : ObjectId("625d8a52a9237321dd9b9e1c"), "STRING" : "DINESH MADDINENI" }
{ "_id" : ObjectId("625d8b90a9237321dd9b9e1e"), "names" : [ "Dinesh", "Sunil", "Chandu", "Sekhar", "Phani" ] }
{ "_id" : ObjectId("625d8c5fa9237321dd9b9e1f"), "Companies" : { "Thundersoft" : 4.5, "Mindtree" : 4, "CGI" : 4.5, "Hcl" : 4.25, "capgemini" : 4, "Wipro" : 3.5, "Infy" : 3.6
} }
{ "_id" : ObjectId("625d8ca5a9237321dd9b9e20"), "Email" : null }
>
```