

Assignment No	12
Title	Database operations in node js
Objective	Connect, Create Table, Insert, Update, Select
Roll No	MCA2511

CODE :

dbconnect.js

```
var mysql = require('mysql2');
var con = mysql.createConnection({
  host:"localhost",
  user:"root",
  password: "",
  database:"student",
  port:3306
});

con.connect(function(err) {
  if(err) throw err;
  console.log("Connected! to mysql");
});

con.query("CREATE DATABASE faculty",
  function(err) {
    if(err) throw err;
    console.log("Faculty Database Created");
  });
});
```

OUTPUT :

```
PS A:\MCA2511\WEB_LAB\node.js> node dbconnect.js
Connected! to mysql
Faculty Database Created
```

CODE :

dbcreate.js

```
var mysql = require('mysql2');
var con = mysql.createConnection({
  host:"localhost",
  user:"root",
  password: "",
  database:"student",
  port:3306
});

con.connect(function(err) {
  if(err) throw err;
  console.log("Connected! to mysql");
});

con.query("CREATE TABLE student1(rollno int primary key, name
VARCHAR(55), address VARCHAR(255))",
  function (err)
  {
    if (err) throw err;
    console.log("Student Table Created");
  }
);

con.query("INSERT INTO student1 values(1305,'fisrtname','world')",
  function (err)
  {
    if(err) throw err;
    console.log("Row Inserted");
  }
);

con.query("SELECT * FROM student1",
  function (err, res)
  {
    if(err) throw err;
    console.log("Student Details - ");
    console.log(res);
  }
);
```

);

```
con.query("UPDATE student1 SET rollno=5031, name='updatedname',  
address='updatedworld' WHERE rollno=1305",  
    function (err)  
    {  
        if(err) throw err;  
        console.log("Row Updated");  
    }  
);
```

```
con.query("SELECT * FROM student1",  
    function (err, res)  
    {  
        if(err) throw err;  
        console.log("Student Details - ");  
        console.log(res);  
    }  
);
```

OUTPUT :

```
PS A:\MCA2511\WEB_LAB\node.js> node dbcreate.js  
Connected! to mysql  
Student Table Created  
Row Inserted  
Student Details -  
[ { rollno: 1305, name: 'fisrtname', address: 'world' } ]  
Row Inserted  
Student Details -  
[ { rollno: 5031, name: 'updatedname', address: 'updatedworld' } ]
```