**This step is required only for those who are using Visual Studio Code.**

On the disk, create a new folder with the name **NodeSqlServer.**Open VS Code and using File > Open Folder, open the NodeSqlServer folder. Using VSCode add a new JavaScript file of name app.js in this folder. Right click on app.js and select **Open in Command Prompt**option. This will open Command prompt. Run the following command.

|  |
| --- |
| npm install -g tsd |

This will install a Typescript definition for the VSCode so that we can get the help of the intellisense for various packages.

|  |
| --- |
| tsd query node --action install |

The above command provides Node.js intellisense for the application.

|  |
| --- |
| npm install mssql -g |

This command will install mssql package in node-modules folder.

|  |
| --- |
| tsd query mssql --action install |

This will install mssql intellisense for the current application.

//1.

var sql = require('mssql');

//2.

var config = {

    server: 'localhost',

    database: 'Company',

    user: 'sa',

    password: 'sa',

    port: 1433

};

//3.

function loadEmployees() {

    //4.

    var dbConn = new sql.Connection(config);

    //5.

    dbConn.connect().then(function () {

        //6.

        var request = new sql.Request(dbConn);

        //7.

        request.query("select \* from EmployeeInfo").then(function (recordSet) {

            console.log(recordSet);

            dbConn.close();

        }).catch(function (err) {

            //8.

            console.log(err);

            dbConn.close();

        });

    }).catch(function (err) {

        //9.

        console.log(err);

    });

}

var express = require('express');

var app = express();

app.get('/', function (req, res) {

var sql = require("mssql");

// config for your database

var config = {

user: 'sa',

password: 'mypassword',

server: 'localhost',

database: 'SchoolDB'

};

// connect to your database

sql.connect(config, function (err) {

if (err) console.log(err);

// create Request object

var request = new sql.Request();

// query to the database and get the records

request.query('select \* from Student', function (err, recordset) {

if (err) console.log(err)

// send records as a response

res.send(recordset);

});

});

});

var server = app.listen(5000, function () {

console.log('Server is running..');

});