**ASSIGNMENT 11**

**NodeJS : Creating HTML Form with POST method**

**Introduction**

This is a form that have the field NAME, E-mail, ADDRESS, MOBILE NUMBER. When we enter the details in the required field, the entered data in displayed on next page.

The Node js framework can work with databases with both relational (such as Oracle and MS SQL Server) and non-relational databases (such as MongoDB). In this tutorial, we will see how we can use databases from within Node js applications.

Database name: project

Collection name: profile

**Steps:**

1. **Installing the NPM Modules**
2. **npm install mongodb**
3. **Creating and closing a connection to a MongoDB database**

## Code:

## var http = require("http");

## var express = require('express');

## var app = express();

## var bodyParser = require('body-parser');

## var urlencodedParser = bodyParser.urlencoded({ extended: true });

## 

## // Running Server Details.

## var server = app.listen(8082, function () {

## var host = server.address().address

## var port = server.address().port

## console.log("Example app listening at %s:%s Port", host, port)

## });

## 

## 

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

## var html='';

## html +="<body>";

## html += "<form action='/thank' method='post' name='form1'>";

## html += "Name:<input type= 'text' name='name'>";

## html += "Email:<input type='text' name='email'>";

## html += "address:<input type='text' name='address'>";

## html += "Mobile number:<input type='text' name='mobilno'>";

## html += "<input type='submit' value='submit'>";

## html += "<INPUT type='reset' value='reset'>";

## html += "</form>";

## html += "</body>";

## res.send(html);

## });

## 

## app.post('/thank', urlencodedParser, function (req, res){

## var reply='';

## reply += "Your name is" + req.body.name;

## reply += "Your E-mail id is" + req.body.email;

## reply += "Your address is" + req.body.address;

## reply += "Your mobile number is" + req.body.mobilno;

## res.send(reply);

## });

## // Retrieve

## var MongoClient = require('mongodb').MongoClient;

## // Connect to the db

## MongoClient.connect("mongodb://localhost:27017/nodeproject", function(err, db) {

## if(!err) {

## console.log("you are connected");

## }

## });

## The entire Node.js application listen on port 8082.

## OUTPUT:

## 

## Fig1: Intial form

## 

## Fig: *form page*

## 

Fig: result after the submit

**REFERENCES**

* <http://Codeexpress.com>
* http://nodemongoo.com
* http://w3shools.com