**Create three folders model, views, controllers**

Views -> add.html

<html>

<head>

    <title>Handson</title>

</head>

<body>

    <h5>Node,Express,MongoDB Hands-on</h5>

    <form action="/friends" method="POST">

        <table>

            <tr>

                <td><label for="data">Name:</label></td>

                <td><input type="text" id="data" name="data" required></td>

            </tr>

            <tr>

                <td><label for="data1">Dob:</label></td>

                <td><input type="text" id="data1" name="data1" required></td>

            </tr>

            <tr>

                <td><label for="age">Age:</label></td>

                <td><input type="number" id="age" name="age" required></td>

            </tr>

        </table>

        <button type="submit">Submit</button>

    </form>

</body>

</html>

Inside project folder -> Index.js

const express = require('express');

const path = require('path');

const bodyParser = require('body-parser');

const app = express();

const port = 3000;

const mongoose = require('mongoose');

const mongoUrl = "mongodb://127.0.0.1/my\_database";

mongoose.set("strictQuery", true);

mongoose.connection.on("open" , ()=> {

    console.log("connection with mongoDB successful");

});

async function connectDB() {

    await mongoose.connect(mongoUrl , {

        useNewUrlParser: true,

        useUnifiedTopology: true

    });

}

connectDB();

app.use((req, res, next) => {

    console.log(`${req.method} - ${req.url}`);

    next();

});

app.use(bodyParser.json());

const friendsRoute = require('./routes/friendsRoute');

app.use('/friends' , friendsRoute);

app.use(express.static(path.join(\_\_dirname, 'public')));

app.listen(port, () => {

    console.log("Serer listening in port ", port);

});

Routes folder -> friendsRoute.js

const express = require('express');

const friendsRouter = express.Router();

const friendsCtrl = require('../controllers/friendsCtrl');

friendsRouter.post('/',friendsCtrl.insert);

friendsRouter.get('/add', friendsCtrl.getAddFriendPage);

module.exports = friendsRouter;

model folder -> friendsScheme.js

const mongoose = require('mongoose');

const friendSchema = new mongoose.Schema(

    {

        "name" : String,

        "age" : {

            "type" :Number,

            "min" : 20,

            "max" :100,

            "required": true,

            "default" : 25

        },

        "dob" : Date

    }

);

//setter

friendSchema.path('name').set(function(v) {

    return v.toUpperCase();

});

module.exports = mongoose.model("friends", friendSchema);

controllers -> friendsCtrl.js

const friends = require('../model/friendsSchema');

const path = require('path');

async function insert(req, res) {

    try {

        if (!req.body) {

            throw new Error("Missing request body");

        }

        let details = req.body;

        let response = await friends.create(details);

        res.send(response);

    } catch (err) {

        res.status(500).send(err.message);

    }

}

function getAddFriendPage(req,res) {

    res.sendFile(path.join(\_\_dirname , ".." , "views", "add.html"));

}

module.exports = {

    insert,

    getAddFriendPage

};