**WAD ASSIGNMENT**

**Date 28/04/2023**

**Open : login**

[**https://cloud.mongodb.com/**](https://cloud.mongodb.com/)

**------------------**

**Cluster0**

**Name :admin**

**Password :om**

**------------------**

**Open :**

**Database go to**

**Connect then click on**

**Drivers and**

**Copy: Add your connection string into your application code**

**mongodb+srv://admin:om@cluster0.yaxxknv.mongodb.net/?retryWrites=true&w=majority**

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**Create new Folder “mongodb”**

**and Open it in vscode**

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**Go to terminal**

**$ npm init**

**$ npm install mongoose**

**$npm install -g nodemon**

**$npm i express**

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**on vs code**

**create file ‘server.js’ at mongodb**

**write in server.js code:**

**const mongoose = require("mongoose")**

**mongoose.connect("mongodb+srv://admin:om@cluster0.yaxxknv.mongodb.net/?retryWrites=true&w=majority")**

**.then(() => console.log('Connect Succesfully'))**

**.catch((err) => { console.error(err); } );**

const mongoose = require("mongoose")

mongoose.connect("mongodb+srv://admin:om@cluster0.yaxxknv.mongodb.net/?retryWrites=true&w=majority")

.then(() => console.log('Connect Succesfully'))

.catch((err) => { console.error(err); } );

const employeeController=require('./app/controllers/employeeController')

const express = require ("express");

const app = express();

app.use('/employee',employeeController)

app.listen(8080);

**----------------------------**

**Go to terminal**

**$node .\server.js**

**Output :** **Connect Succesfully**

**Create new folder in mongodb “APP”**

**In App create two folder**

**1.controllers**

**File:- employeeController.js**

const Employee = require('../models/employee.model')

const express=require('express')

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

var jsonParser = bodyParser.json()

var router=express()

router.post("/create",jsonParser,(req,res)=>{

    Employee.create(req.body);

    res.status(201).json({

        status:"success",

    })

})

module.exports =router

**2.models**

**File:- employee.model.js**

const  mongoose =require("mongoose")

var employeeSchema=new mongoose.Schema({

    name:{

        type:String

    },

    addr:{

        type:String

    }

});

const Employee=mongoose.model('Employee',employeeSchema);

module.exports=Employee;

**Download Thunder Client**

**New request**

**POST**

http://localhost:8080/employee/create

JSON

{

"name":"abc",

"addr":"nashik"

}

Response

{

"status": "success"

}

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