**App.js file**

import express from "express";

import connectDB from './connectDb.js';

import {join} from "path";

import mongoose from "mongoose";

import web from './Web.js';

import { isModuleNamespaceObject } from "util/types";

import { error } from "console";

var app = express()

const port = 3001

// app.set("view engine", "ejs");

app.use(express.json());

app.use("/api", web);

const Database\_Url = "mongodb://localhost:27017/practice";

// const Database\_Url = "mongodb+srv://user:password%40123@cluster0.sdtq1m5.mongodb.net/practiceDb?retryWrites=true&w=majority";

// app.use(express.static(join(process.cwd(),"public")))

connectDB(Database\_Url);

// mongoose.connect("mongodb://localhost:27017/practice")

// .then(console.log("connected"))

// .catch(error=> console.log(error))

app.listen(port,()=>

{

  console.log("Started at 30001")

})

**connectDb.js file**

// import mongoose from "mongoose";

// const connectDB = async(Database\_Url)=>

// {

//   try

//   {

// const DB\_Options = {

//   dbName :"practice",

// };

// await mongoose.connect(Database\_Url, DB\_Options);

// console.log("connected");

//   }

//   catch(error)

//   { console.log(error);

//     console.log("not connected")

//   }

// }

// const mongoose = require('mongoose');

import mongoose from "mongoose";

const connectDB = async(Database\_Url)=>

  {

    try{

    await mongoose.connect("mongodb://127.0.0.1:27017/practice")

    console.log("I am connected")

    }

    catch(error)

    { console.log("THERE IS ERROR " +error)

  }}

  export default connectDB;

**student model**

import mongoose from "mongoose";

const studentSchema =mongoose.Schema(

  {

name:{type:String, required:true},

age:{type:Number, required:true},

fees:{type:mongoose.Decimal128, required:true,

validate:(value)=>

value > 5000.0}

  }

)

const studentModel = mongoose.model("student", studentSchema);

export default studentModel;

**Web.js for routing**

import express from "express";

const router = express.Router();

import studentController from './controllers/studentController.js';

router.get("/", studentController.getAll);

router.get("/:id", studentController.getById);

router.post("/add", studentController.createDoc);

export default router;

**studentController.js**

import stuModel from '../model/student.js';

class studentController {

  static getAll =async (req,res)=>

  {

   console.log("aaaa");

   try{

   const result = await stuModel.find()

 res.send(result)

   }

   catch(error)

   {

   res.send(error);

   }

  }

  static getById =async (req,res)=>

  {

    console.log("o")

  try{

   const result = await stuModel.findById(req.params.id)

 res.send(result)

   }

   catch(error)

   {

   res.send(error);

   }

  }

  static createDoc = async (req,res)=>

  {

    const {name,age,fees} =  req.body;

    const doc = new stuModel(

      { name: name,

      age : age,

      fees: fees}

    )

    const result = await doc.save();

    res.send(result);

  }

}

export default studentController;