package com.example.student.demo;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class DemoApplication {

public static void main(String[] args) {

SpringApplication.run(DemoApplication.class, args);

}

}

**package** com.example.student.demo.controller;

**import** java.util.List;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.web.bind.annotation.GetMapping;

**import** org.springframework.web.bind.annotation.PostMapping;

**import** org.springframework.web.bind.annotation.RequestBody;

**import** org.springframework.web.bind.annotation.RequestMapping;

**import** org.springframework.web.bind.annotation.RestController;

**import** com.example.student.demo.model.Student;

**import** com.example.student.demo.repository.StudentRepo;

**import** com.example.student.demo.service.StudentService;

@RestController

@RequestMapping("/students")

**public** **class** StudentContoller {

@Autowired

StudentService studentservice;

@Autowired

StudentRepo studentrepo;

@PostMapping("/addnewstudent")

**public** Student addstudent(@RequestBody Student student) {

**return** studentservice.addStudent(student);

}

@GetMapping("/getallStudents")

**public** List<Student> getAllStudents(){

**return** studentservice.findAllStudent();

}

}

**package** com.example.student.demo.model;

**public** **class** Student {

**private** String name;

**private** **int** age;

**private** **long** salary;

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** **int** getAge() {

**return** age;

}

**public** **void** setAge(**int** age) {

**this**.age = age;

}

**public** **long** getSalary() {

**return** salary;

}

**public** **void** setSalary(**long** salary) {

**this**.salary = salary;

}

**public** Student(String name, **int** age, **long** salary) {

**super**();

**this**.name = name;

**this**.age = age;

**this**.salary = salary;

}

**public** Student() {

**super**();

// **TODO** Auto-generated constructor stub

}

}

**package** com.example.student.demo.repository;

**import** org.springframework.data.mongodb.repository.MongoRepository;

**import** org.springframework.stereotype.Repository;

**import** com.example.student.demo.model.Student;

@Repository

**public** **interface** StudentRepo **extends** MongoRepository<Student, Integer>{

}

**package** com.example.student.demo.service;

**import** java.util.HashMap;

**import** java.util.List;

**import** java.util.Map;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.stereotype.Service;

**import** com.example.student.demo.model.Student;

**import** com.example.student.demo.repository.StudentRepo;

@Service

**public** **class** StudentService {

@Autowired

**private** StudentRepo studentrepo;

**public** Student addStudent(Student student) {

**return** studentrepo.save(student);

}

**public** List<Student> findAllStudent(){

**return** studentrepo.findAll();

}

}

spring.data.mongodb.host=localhost

spring.data.mongodb.port=27017

spring.data.mongodb.database=StudentDatabase

server.port=8083

spring.application.name=Student

spring.mvc.pathmatch.matching-strategy= ANT\_PATH\_MATCHER

logging.level.root=INFO

logging.pattern.console= %d{yyyy-MM-dd HH:mm:ss} - %msg%n

logging.patter.file=%d{yyyy-MM-dd HH:mm:ss} [%thread] %-5level %logger{36} - %msg%