**Home Assignment III**

1)Create a Class Employee with three fields eno, ename and department.

Create a constructor, setters and getters.

Create a EmployeeService class to insert the employee details into the in-memory database and retrieve employee information.

Test the application as a Spring Boot Application.

2)Create a Class Student with three fields sno, sname and smarks.

Create a constructor, setters and getters.

Create a StudentService class to insert the Student details into the in-memory database and retrieve Student information.

Test the application as a Spring Boot Application.

3)Create a Class Library with three fields lno, lname and lauthor.

Create a constructor, setters and getters.

Create a LibraryService class to insert the Library details into the in-memory database and retrieve Library information.

Test the application as a Spring Boot Application.

4)Create a Class Bank with three fields bno, bname and bbranch.

Create a constructor, setters and getters.

Create a BankService class to insert the Bank details into the in-memory database and retrieve Bank information.

Test the application as a Spring Boot Application.

5)Create a Class Hospital with two fields hname,haddress

Create a constructor, setters and getters.

Create a HospitalService class to insert the Hospital details into the in-memory database and retrieve Hospital information.

Test the application as a Spring Boot Application.

6)Create a Class School with three fields sname,saddress,scode.

Create a constructor, setters and getters.

Create a SchoolService class to insert the School details into the in-memory database and retrieve School information.

Test the application as a Spring Boot Application.

7)Create a Class City with two fields cname and ccode.

Create a constructor, setters and getters.

Create a CityService class to insert the City details into the in-memory database and retrieve City information.

Test the application as a Spring Boot Application.

8)Create a Class Bank with three fields bno, bname and bbranch.

Create a constructor, setters and getters.

Create a BankService class to insert the Bank details into the in-memory database and retrieve Bank information.

Test the application as a Spring Boot Application.

9)Create a Class Subject with four fields scode, sname,smarks and sfaculty.

Create a constructor, setters and getters.

Create a SubjectService class to insert the Subject details into the in-memory database and retrieve Subject information.

Test the application as a Spring Boot Application.

10)Create a Class Department with three fields dname, dhod and dcode.

Create a constructor, setters and getters.

Create a DepartmentService class to insert the Department details into the in-memory database and retrieve Department information.

Test the application as a Spring Boot Application.

11)Create a Class Book with three fields bno, bname and bprice.

Create a constructor, setters and getters.

Create a BookService class to insert the Book details into the in-memory database and retrieve Book information.

Test the application as a Spring Boot Application.

12)Create a Class Customer with four fields cno, cname,cmail and caddress.

Create a constructor, setters and getters.

Create a CustomerService class to insert the Customer details into the in-memory database and retrieve Customer information.

Test the application as a Spring Boot Application.

13)Create a Class Order with three fields oid, oname,odate.

Create a constructor, setters and getters.

Create a OrderService class to insert the Order details into the in-memory database and retrieve Order information.

Test the application as a Spring Boot Application.

14)Create a Class Costume with two fields ccolor, cname.

Create a constructor, setters and getters.

Create a CostumeService class to insert the Costume details into the in-memory database and retrieve Costume information.

Test the application as a Spring Boot Application.

15)Create a Class Watch with three fields wid, wbrand and wprice.

Create a constructor, setters and getters.

Create a WatchService class to insert the Watch details into the in-memory database and retrieve Watch information.

Test the application as a Spring Boot Application.

16)Create a Class Vehicle with three fields vno, vtype and vwheels.

Create a constructor, setters and getters.

Create a VehicleService class to insert the Vehicle details into the in-memory database and retrieve Vehicle information.

Test the application as a Spring Boot Application.

17)Create a Class Mobile with three fields mid, mname and mprize.

Create a constructor, setters and getters.

Create a MobileService class to insert the Mobile details into the in-memory database and retrieve Mobile information.

Test the application as a Spring Boot Application.

18)Create a Class Course with two fields cid, cname.

Create a constructor, setters and getters.

Create a CustomerService class to insert the Course details into the in-memory database and retrieve Customer information.

Test the application as a Spring Boot Application.

19)Create a Class Pen with three fields pid, pbrand, pcolor.

Create a constructor, setters and getters.

Create a PenService class to insert the Pen details into the in-memory database and retrieve Pen information.

Test the application as a Spring Boot Application.

20)Create a Class Aadhar with three fields ano, aname and address.

Create a constructor, setters and getters.

Create a AadharService class to insert the Aadhar details into the in-memory database and retrieve Aadhar information.

Test the application as a Spring Boot Application.

21)Create a Class PanCard with three fields pno, pname and paddress.

Create a constructor, setters and getters.

Create a PanCardService class to insert the PanCard details into the in-memory database and retrieve PanCard information.

Test the application as a Spring Boot Application.

22)Create a Class Bus with four fields bno, btype,bdestination and bseats.

Create a constructor, setters and getters.

Create a BusService class to insert the Bus details into the in-memory database and retrieve Bus information.

Test the application as a Spring Boot Application.

23)Create a Class Plane with three fields pno, pname,psource,pdestination.

Create a constructor, setters and getters.

Create a PlaneService class to insert the Plane details into the in-memory database and retrieve Plane information.

Test the application as a Spring Boot Application.

24)Create a Class College with three fields ccode, cname and caddress.

Create a constructor, setters and getters.

Create a CollegeService class to insert the College details into the in-memory database and retrieve College information.

Test the application as a Spring Boot Application.

25)Create a Class Faculty with three fields fid, fname and fsalary.

Create a constructor, setters and getters.

Create a FacultyService class to insert the Faculty details into the in-memory database and retrieve Faculty information.

Test the application as a Spring Boot Application.

26)Create a Class Hostel with three fields hno, hname and hrent.

Create a constructor, setters and getters.

Create a HostelService class to insert the Hostel details into the in-memory database and retrieve Hostel information.

Test the application as a Spring Boot Application.

27)Create a Class Shoe with four fields sid, sbrand, scost and scolor.

Create a constructor, setters and getters.

Create a ShoeService class to insert the Shoe details into the in-memory database and retrieve Shoe information.

Test the application as a Spring Boot Application.

28)Create a Class Train with four fields tno, tsource, tdestination and tname.

Create a constructor, setters and getters.

Create a TrainService class to insert the Train details into the in-memory database and retrieve Train information.

Test the application as a Spring Boot Application.

29)Create a Class Laptop with four fields lid, lram, lcost and lcolor.

Create a constructor, setters and getters.

Create a LaptopService class to insert the Laptop details into the in-memory database and retrieve Laptop information.

Test the application as a Spring Boot Application.

30)Create a Class Speaker with three fields sid, scost, srange.

Create a constructor, setters and getters.

Create a SpeakerService class to insert the Speaker details into the in-memory database and retrieve Speaker information.

Test the application as a Spring Boot Application.

31)Create a Class Movie with three fields mname, mgenre, mlanguage.

Create a constructor, setters and getters.

Create a MovieService class to insert the Movie details into the in-memory database and retrieve Movie information.

Test the application as a Spring Boot Application.

32)Create a Class Project with three fields pname, pdomain, pstatus.

Create a constructor, setters and getters.

Create a ProjectService class to insert the Movie details into the in-memory database and retrieve Project information.

Test the application as a Spring Boot Application.

33)Create a Class Product with three fields pid, pname, pprice.

Create a constructor, setters and getters.

Create a ProductService class to insert the Product details into the in-memory database and retrieve Product information.

Test the application as a Spring Boot Application.

34)Create a Class Event with four fields eid, ename, edate, elocation.

Create a constructor, setters and getters.

Create a EventService class to insert the Event details into the in-memory database and retrieve Event information.

Test the application as a Spring Boot Application.

35)Create a Class Inventory with four fields ino, iname, icategory, icost.

Create a constructor, setters and getters.

Create a InventoryService class to insert the Inventory details into the in-memory database and retrieve Inventory information.

Test the application as a Spring Boot Application.