**Exercise 1: Configuring a Basic Spring Application**

**package** com.week3.LibraryManagement;

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

**import** org.springframework.boot.SpringApplication;

**import** org.springframework.boot.autoconfigure.SpringBootApplication;

**import** org.springframework.boot.CommandLineRunner;

@SpringBootApplication

**public** **class** LibraryManagementApplication **implements** CommandLineRunner{

@Autowired

**private** BookService bookService;

**public** **static** **void** main(String[] args) {

SpringApplication.*run*(LibraryManagementApplication.**class**, args);

}

**public** **void** run(String... args) {

bookService.showBooks();

}

}

**package** com.week3.LibraryManagement;

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

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

@Service

**public** **class** BookService {

@Autowired

**private** BookRepository bookRepository;

**public** **void** showBooks() {

System.***out***.println("BookService is calling BookRepository...");

bookRepository.displayBooks();

}

}

**package** com.week3.LibraryManagement;

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

@Repository

**public** **class** BookRepository {

**public** **void** displayBooks() {

System.***out***.println("Fetching books from the repository...");

}

}



A screenshot of a computer

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