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Exercise 1: Configuring a Basic Spring Application
Objective: Set up a basic Spring application with XML configuration.
Solution:
Create a Maven project
Add Spring Context dependency to pom.xml:
xml
<dependency>
    <groupId>org.springframework</groupId>
    <artifactId>spring-context</artifactId>
    <version>5.3.20</version>
</dependency>
Create applicationContext.xml in src/main/resources:
xml
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"</pre>
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
       http://www.springframework.org/schema/beans/spring-beans.xsd">
    <bean id="myService" class="com.example.MyServiceImpl"/>
</beans>
Main application class:
iava
public class MainApp {
    public static void main(String[] args) {
        ApplicationContext context = new
ClassPathXmlApplicationContext("applicationContext.xml");
        MyService service = context.getBean(MyService.class);
        service.execute();
    }
}
```