

```
00001: package com.spring.core.lifecycles;
00002:
00003: import org.springframework.context.ApplicationContext;
00004: import org.springframework.context.support.AbstractApplicationContext;
00005: import org.springframework.context.support.ClassPathXmlApplicationContext;
00006:
00007: /**
00008:  * Hello world!
00009:  *
00010:  */
00011: public class App
00012: {
00013:     public static void main( String[] args )
00014:     {
00015:         AbstractApplicationContext app = new ClassPathXmlApplicationContext("com/spring/core/lifecycles/appconfig.xml");
00016:         Book book1 = (Book) app.getBean("book1");
00017:         System.out.println(book1);
00018:
00019:         BookWithInterface book2 = (BookWithInterface) app.getBean("book2");
00020:         System.out.println(book2);
00021:
00022:         BookWithAnnotation book3 = (BookWithAnnotation) app.getBean("book3");
00023:         System.out.println(book3);
00024:
00025:         // Need to enable preshutdown hook to call destroy method, ApplicationContext doesn't have that method.
00026:         // Need to use AbstractApplicationContext, init & destroy can be of any name, but function signature should be same.
00027:         app.registerShutdownHook();
00028:
00029:     }
00030: }
```