Program No:	**12**
Roll No :	**1525**
Title of Program :	
Objective :	Spring application with singleton scope

SOURCE CODE:

Singer.java

```
package edu.met.p1;

public class Singer {

	int sid;
	String sname;


	public Singer(int sid, String sname) {
		super();
		this.sid = sid;
		this.sname = sname;
	}


	public Singer() {
		// TODO Auto-generated constructor stub
	}


	public int getSid() {
		return sid;
	}


	public void setSid(int sid) {
		this.sid = sid;
	}


	public String getSname() {
		return sname;
```

```
	}


	public void setSname(String sname) {
		this.sname = sname;
	}


	@Override
	public String toString() {
		return "Singer [sid=" + sid + ", sname=" + sname + "]";
	}

}
```

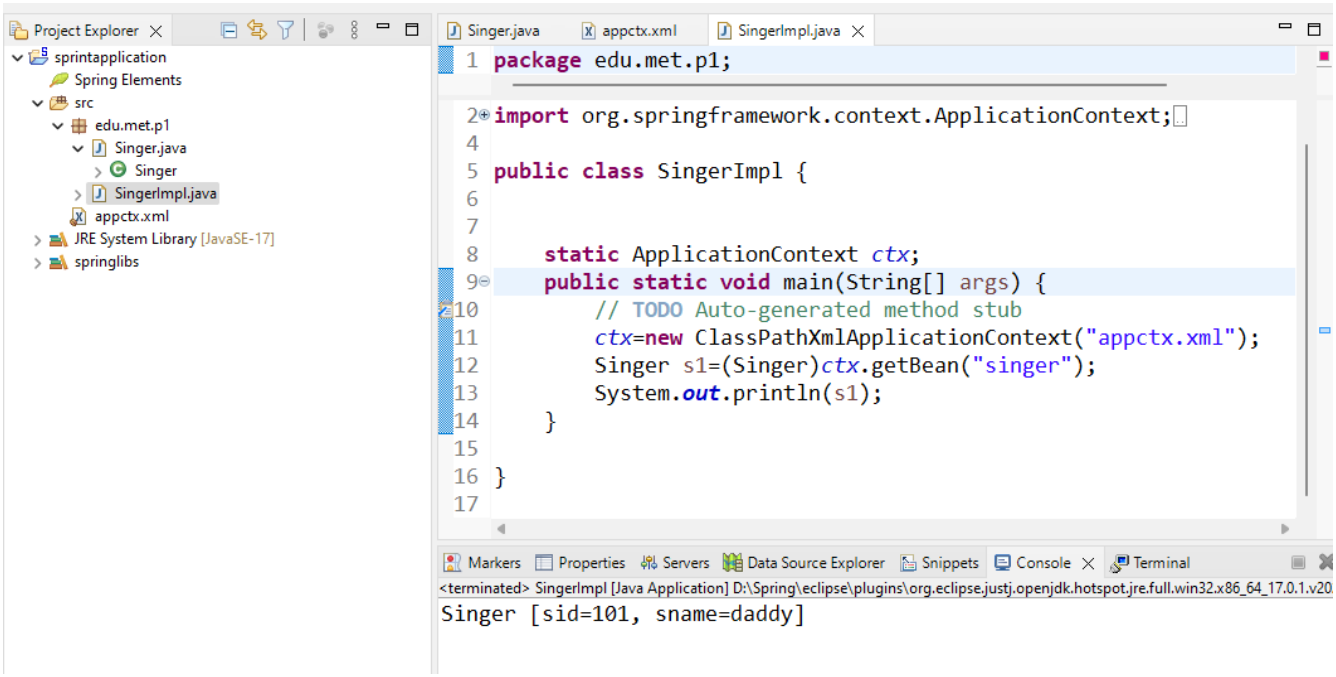
appctx.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<beans
    xmlns="http://www.springframework.org/schema/beans"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:p="http://www.springframework.org/schema/p"

xsi:schemaLocation="http://www.springframework.org/schema/beans

http://www.springframework.org/schema/beans/spring-beans-
3.0.xsd">
<bean id= "singer" class="edu.met.p1.Singer"     >
    <constructor-arg value="101"></constructor-arg>
        <constructor-arg value="daddy"></constructor-arg>


</bean>

</beans>
```

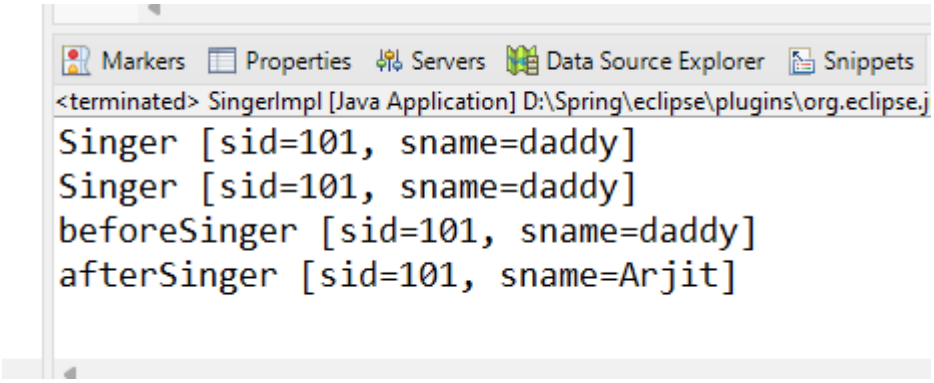
SingerImpl.java

```
package edu.met.p1;
import org.springframework.context.ApplicationContext;
import org.springframework.context.support.ClassPathXmlApplicationContext;

public class SingerImpl {


	static ApplicationContext ctx;
	public static void main(String[] args) {
		// TODO Auto-generated method stub
		ctx=new ClassPathXmlApplicationContext("appctx.xml");
		Singer s1=(Singer)ctx.getBean("singer");
		System.out.println(s1);
	}

}
```

OUTPUT:



OUTPUT:


Markers
Properties
Servers
Data Source Explorer
Snippets
<terminated> SingerImpl [Java Application] D:\Spring\eclipse\plugins\org.eclipse.j
Singer [sid=101, sname=daddy]
Singer [sid=101, sname=daddy]
beforeSinger [sid=101, sname=daddy]
afterSinger [sid=101, sname=Arjit]