Car.java

```java
package nmitd.javaconf;

public interface Car {

        public void drive();
}
```

Suzuki.java

```java
package nmitd.javaconf;

public class Suzuki implements Car {

        private String model;
        private String year;

        public Suzuki(String model,String year) {
                this.model=model;
                this.year=year;
        }
        @Override
        public void drive() {
                System.out.println("You are driving "+this); //this will invoke
toString method
        }

        public String toString() {
                return "Suzuki "+model+" ("+year+")";
        }

}
```

Person.java

```java
package nmitd.javaconf;

public interface Person {

        public void aboutMe();
        public void driveCar();
}
```

MiddleclassPerson.java

```java
package nmitd.javaconf;

public class MiddleclassPerson implements Person {

        private String fname;
        private String lname;
        private Car myCar;

        public MiddleclassPerson(String fname,String lname,Car myCar) {
                this.fname=fname;
                this.lname=lname;
```

```
                this.myCar=myCar;
        }
        @Override
        public void aboutMe() {
                // TODO Auto-generated method stub
                System.out.println("Myself "+fname+" "+lname+", am a middle class
person, owning "+myCar);
        }

        @Override
        public void driveCar() {
                // TODO Auto-generated method stub
                myCar.drive();
        }

}
```

PersonCarconfig.java

```
package nmitd.javaconf;

import org.springframework.context.annotation.Bean;
import org.springframework.context.annotation.Configuration;
public class PersonCarConfig {

        @Bean
        public Car car1() {
                return new Suzuki("WagonR","2020");
        }

        @Bean
        public Person person1() {
                return new  MiddleclassPerson("Meghna","Juvekar",car1());
        }

        @Bean
        public Person person2() {
                return new  MiddleclassPerson("Shyam","Juvekar",car1());
        }
}
```

JavaConfigMain.java

```
package nmitd.javaconf;

import org.springframework.context.annotation.AnnotationConfigApplicationContext;
import nmitd.javaconf.*;

public class JavaConfigMain {

        public static void main(String[] args) {
                AnnotationConfigApplicationContext appCtx = new
AnnotationConfigApplicationContext(PersonCarConfig.class);
                Person p1=appCtx.getBean("person1",MiddleclassPerson.class);
                Person p2=appCtx.getBean("person2",MiddleclassPerson.class);

                p1.aboutMe();
```
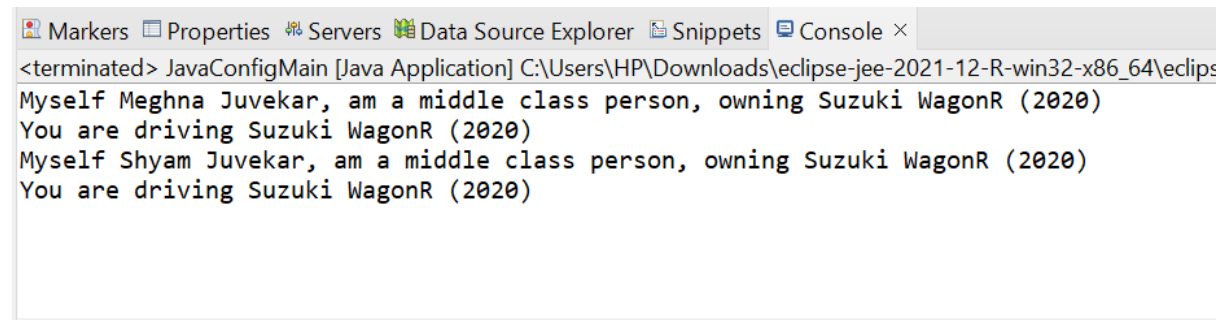
```
            p1.driveCar();

            p2.aboutMe();
            p2.driveCar();

            appCtx.close();
        }
}
```

Ouput:


```
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<terminated> JavaConfigMain [Java Application] C:\Users\HP\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclips
Myself Meghna Juvekar, am a middle class person, owning Suzuki WagonR (2020)
You are driving Suzuki WagonR (2020)
Myself Shyam Juvekar, am a middle class person, owning Suzuki WagonR (2020)
You are driving Suzuki WagonR (2020)
```