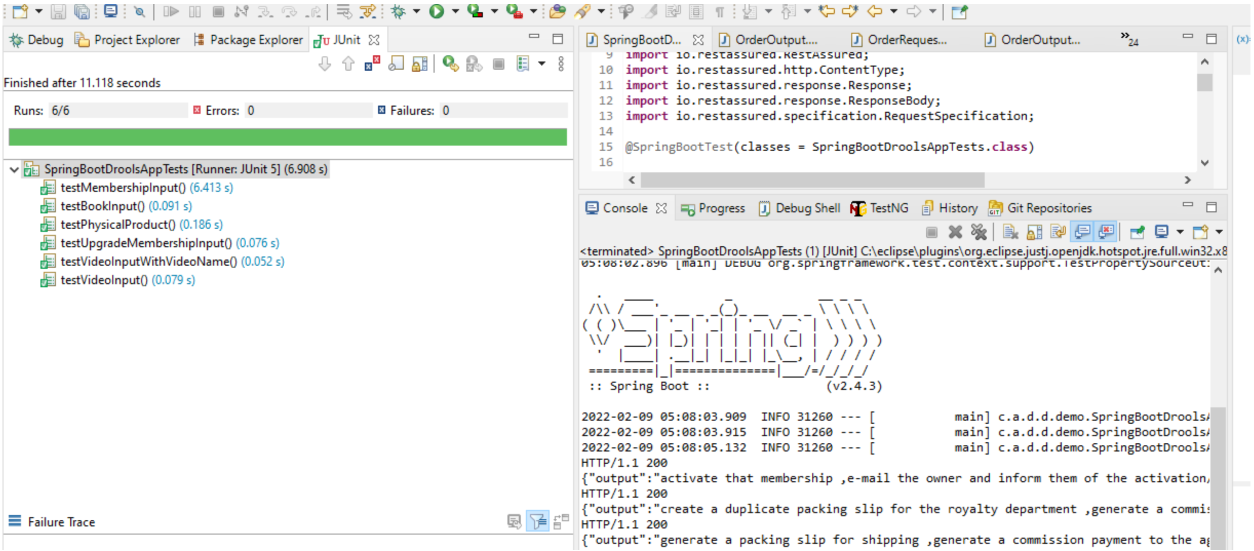
Business rules assignment testing details:

Junit testing:



Finished after 11.118 seconds

Runs: 6/6 Errors: 0 Failures: 0

- SpringBootDroolsAppTests [Runner: JUnit 5] (6.908 s)
  - testMembershipInput() (6.413 s)
  - testBookInput() (0.091 s)
  - testPhysicalProduct() (0.186 s)
  - testUpgradeMembershipInput() (0.076 s)
  - testVideoInputWithVideoName() (0.052 s)
  - testVideoInput() (0.079 s)

```
import io.restassured.RestAssured;
import io.restassured.http.ContentType;
import io.restassured.response.Response;
import io.restassured.response.ResponseBody;
import io.restassured.specification.RequestSpecification;

@SpringBootTest(classes = SpringBootDroolsAppTests.class)

```

<terminated> SpringBootDroolsAppTests (1) [JUnit] C:\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x8

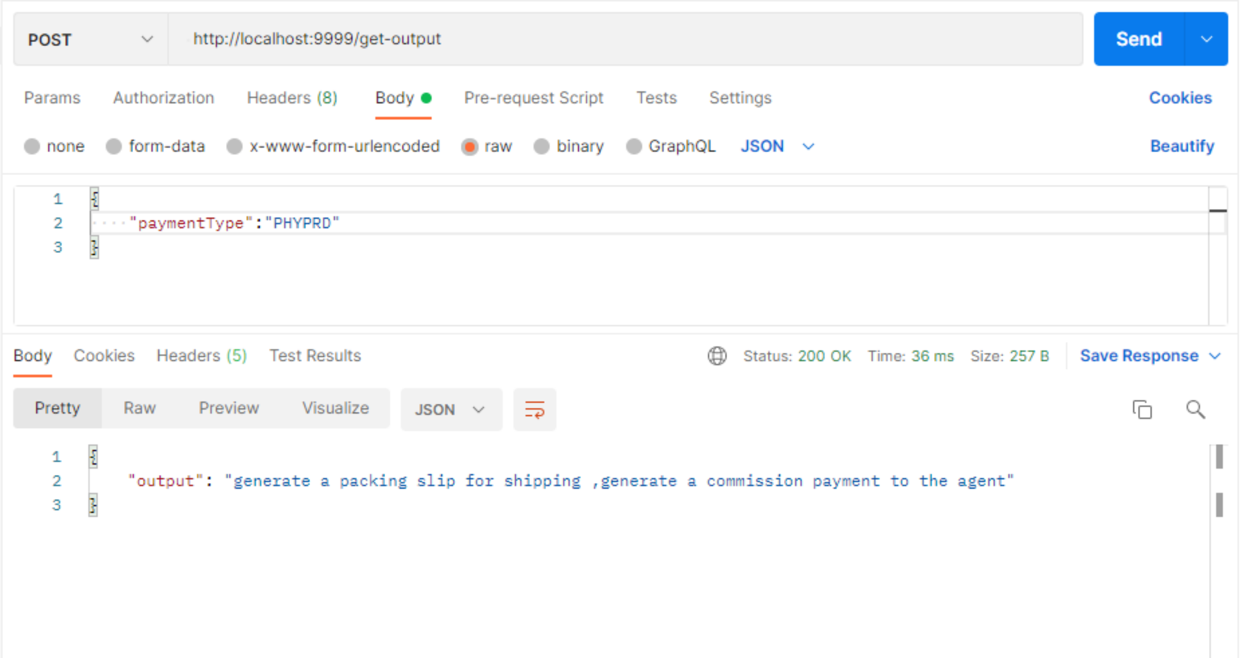
```
05:08:02.896 [main] DEBUG org.springframework.test.context.support.TestPropertySourceUt:

  .   ____          _            __ _ _
 /\\ / ___'_ __ _ _(_)_ __  __ _ \ \ \ \
( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/
 :: Spring Boot ::                (v2.4.3)

2022-02-09 05:08:03.909  INFO 31260 --- [           main] c.a.d.d.demo.SpringBootDroolsA
2022-02-09 05:08:03.915  INFO 31260 --- [           main] c.a.d.d.demo.SpringBootDroolsA
2022-02-09 05:08:05.132  INFO 31260 --- [           main] c.a.d.d.demo.SpringBootDroolsA
HTTP/1.1 200
{"output":"activate that membership ,e-mail the owner and inform them of the activation,
HTTP/1.1 200
{"output":"create a duplicate packing slip for the royalty department ,generate a commis
HTTP/1.1 200
{"output":"generate a packing slip for shipping ,generate a commission payment to the ag
```

Business rules POSTMAN testing:

1) Physical product:



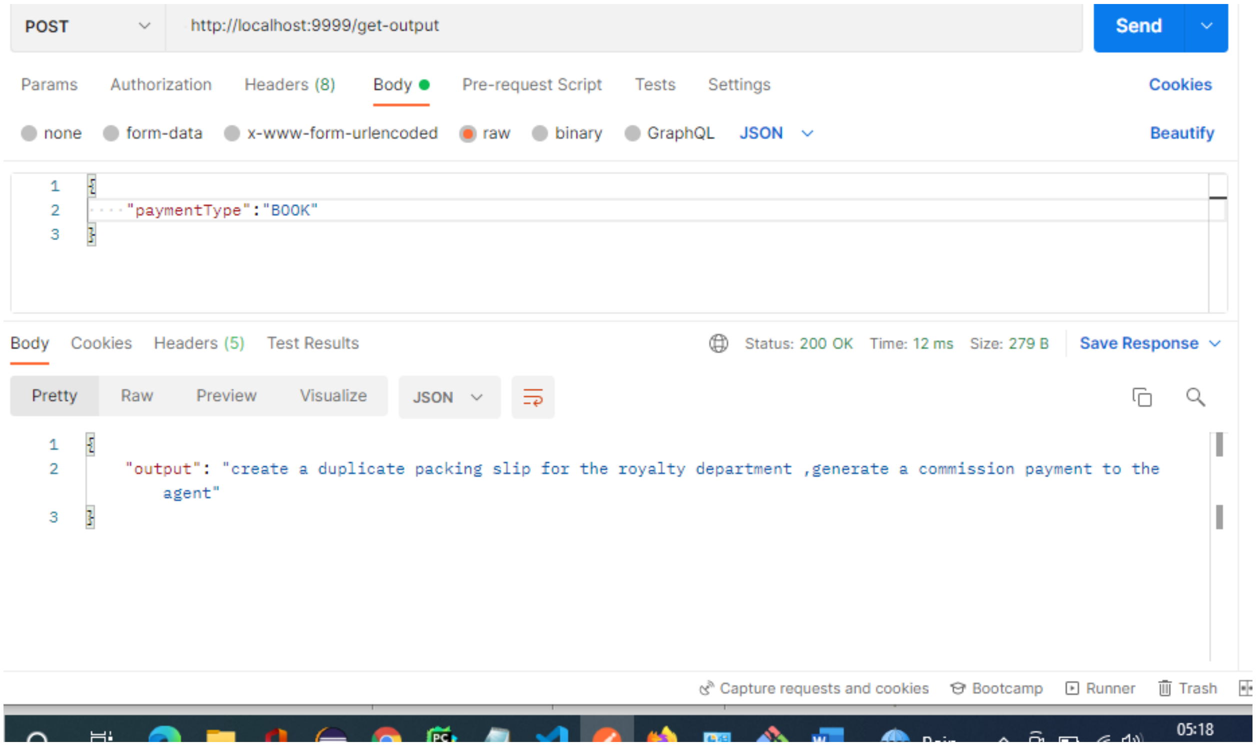
http://localhost:9999/get-output

```
{
    "paymentType":"PHYPRD"
}
```

Status: 200 OK Time: 36 ms Size: 257 B

```
{
    "output": "generate a packing slip for shipping ,generate a commission payment to the agent"
}
```

2) Book:



http://localhost:9999/get-output

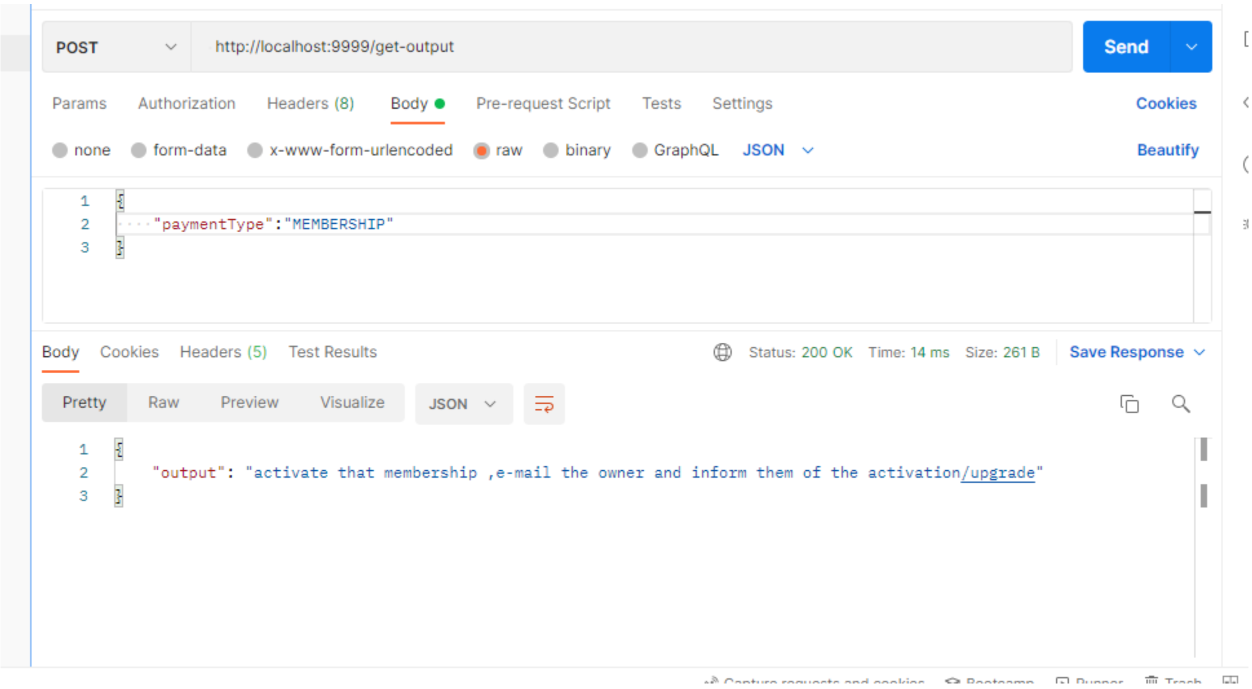
Body: ● raw ● JSON

```
{
    "paymentType":"BOOK"
}
```

Status: 200 OK Time: 12 ms Size: 279 B

```
{
    "output": "create a duplicate packing slip for the royalty department ,generate a commission payment to the
        agent"
}
```

3) Membership:



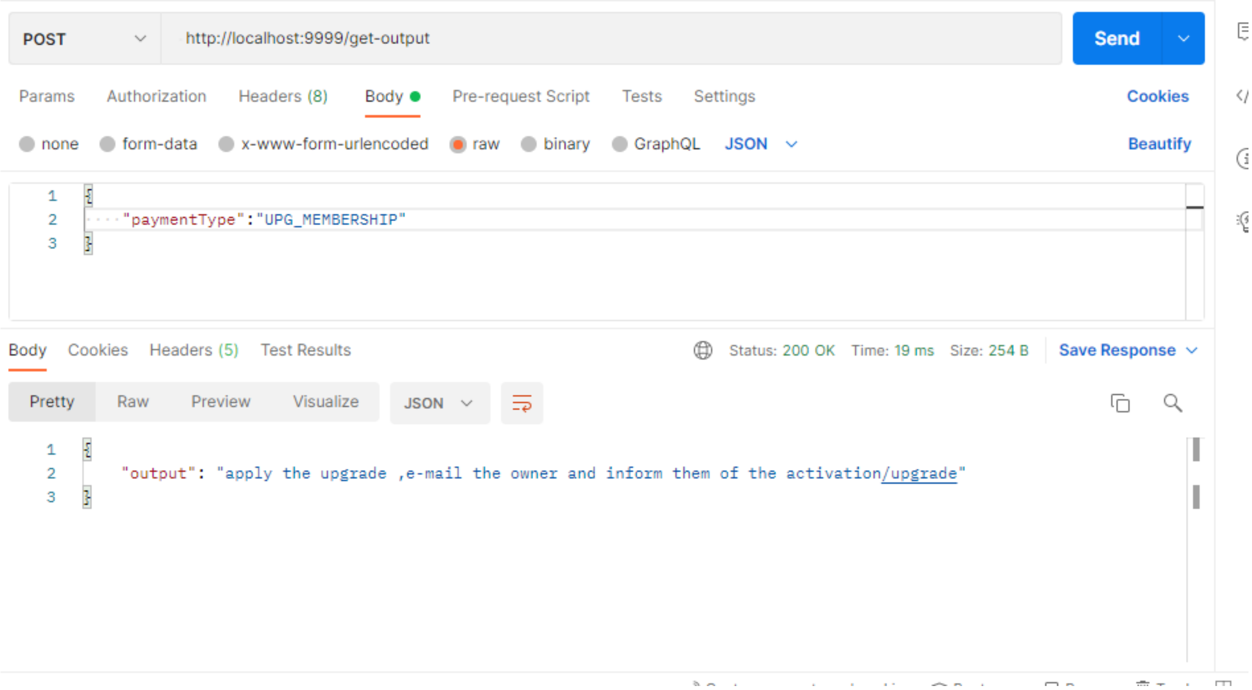
POST http://localhost:9999/get-output

```
{
    "paymentType":"MEMBERSHIP"
}
```

Status: 200 OK Time: 14 ms Size: 261 B

```
{
    "output": "activate that membership ,e-mail the owner and inform them of the activation/upgrade"
}
```

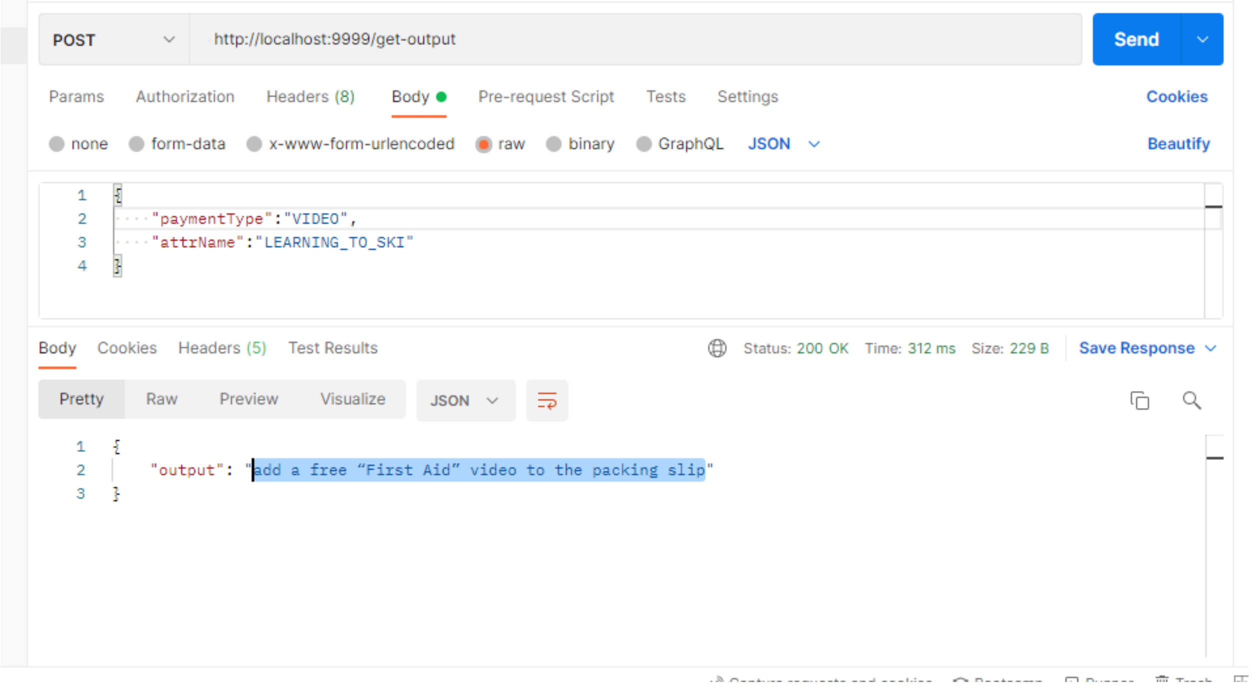
4) Upgrade membership:



```
{
    "paymentType":"UPG_MEMBERSHIP"
}
```

```
{
    "output": "apply the upgrade ,e-mail the owner and inform them of the activation/upgrade"
}
```

5) Video with specific name:



POST http://localhost:9999/get-output

Send

Body: ● raw JSON

```
{
    "paymentType":"VIDEO",
    "attrName":"LEARNING_TO_SKI"
}
```

Status: 200 OK Time: 312 ms Size: 229 B

JSON

```
{
    "output": "add a free “First Aid” video to the packing slip"
}
```