Lab 6.1 – EL and SPEL

In this lab we will use expressions to externalize some configurations into a properties file.

- In the application.properties file of your project add the following entries

```
max=2
department=English Literature
```

In your Java Configuration class add a Bean definition for a PropertySourcesPlaceholderConfigurer and annotate the Java Config Class with @PropertySource("classpath:application.properties")

Now we can remove the hardcoded @Value and replace it with ;

```java
@Value("${max}")
private int numberOfStudents;
```

In class StudentServiceImpl add the following property with a generated "getter" method

```
private Collection<Student>  departments = new ArrayList<Student>();
```

Annotate it with;

```
@Value("#{dao.getAll().?[dept.equals('${department}')]}")
```

We have combined SEL with EL. Add the new getter to the interface studentService. Then write a test to get this collection, was it filtered Correctly?