

## Pruebas parte 3 del examen.

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### I. Cifrado Cesar.

Así luce el archivo beans.xml, donde se agrega la clase del encriptado Cesar

```
10      http://www.springframework.org/schema/context
11      http://www.springframework.org/schema/context/spring-context-4.3.xsd">
12
13      <bean id="encriptar" class="encripta.EncriptadoCesar" />
14
15      <bean id="MySpringWriterBeanWithDependency" class="testbean.MySpringWriterBeanWithDependency">
16          <property name="encriptar" ref="encriptar" />
17      </bean>
18
19  </beans>
```

El texto a cifrar es el siguiente

```
7  import java.util.Locale;
8
9  public class MySpringWriterBeanWithDependency {
10      private Encripta encripta;
11
12      @Autowired
13      public void setEncriptar (Encripta encripta){
14          this.encripta = encripta;
15      }
16
17      public void run(){
18          String s = "HOLA MUNDO";
19          String result = encripta.encripta(s.toUpperCase());
20          encripta.desencripta(result.toUpperCase());
21      }
22  }
23
```

## Se ejecuta

```

Main x
C:\Users\Asus\.jdk\corretto-1.8.0_302\bin\java.exe ...
Mar 02, 2022 1:51:50 PM org.springframework.context.support.ClassPathXmlApplicationContext prepareRefresh
INFO: Refreshing org.springframework.context.support.ClassPathXmlApplicationContext@31cefde0: startup date [Wed Mar 02 13:51:50 CST 2022]; root of context
Mar 02, 2022 1:51:50 PM org.springframework.beans.factory.xml.XmlBeanDefinitionReader loadBeanDefinitions
INFO: Loading XML bean definitions from URL [file:META-INF/beans.xml]
EL TEXTO CODIFICADO ES: KRÑD OXPGR
EL TEXTO DECODIFICADO ES: HOLA MUNDO

Process finished with exit code 0

```

## II. Cifrado Vigenere.

Así luce el archivo beans.xml, donde se agrega la clase del encriptado Vigenere

```

12
13 <bean id="encritpar" class="encripta.EncriptadoVigenere" />
14
15 <bean id="MySpringWriterBeanWithDependency" class="testbean.MySpringWriterBeanWithDependency">
16     <property name="encritpar" ref="encritpar" />
17 </bean>
18
19 </beans>

```

El texto a cifrar es el HOLA MUNDO con la siguiente Clave

```

public class EncriptadoVigenere implements Encripta{

    String clave = "PYTHON";

    @Override
    public String encripta(String texto) {
        String claveCompletada = "";
        CifradorVigenere cifradorVigenere = new CifradorVigenere();

```

## Se ejecuta



The screenshot shows a Java application running in an IDE console. The console output includes the following lines:

```
C:\Users\Asus\.jdk\corretto-1.8.0_302\bin\java.exe ...  
Mar 02, 2022 1:54:25 PM org.springframework.context.support.ClassPathXmlApplicationContext prepareRefresh  
INFO: Refreshing org.springframework.context.support.ClassPathXmlApplicationContext@31cefde0: startup date [Wed Ma  
Mar 02, 2022 1:54:25 PM org.springframework.beans.factory.xml.XmlBeanDefinitionReader loadBeanDefinitions  
INFO: Loading XML bean definitions from URL [file:META-INF/beans.xml]  
EL TEXTO CIFRADO ES: WNEH AHCBI  
EL TEXTO DECODIFICADO ES: HOLA MUNDO  
  
Process finished with exit code 0
```

The application successfully executed and finished with exit code 0.