

# Segurança da Informação

## Avaliação do Ciclo 2

### Competências a ser avaliada:

- Implementar prática de segurança da informação no ambiente de TI usando a API JCA.

### Bases Tecnológicas, científicas e instrumentais (conteúdos):

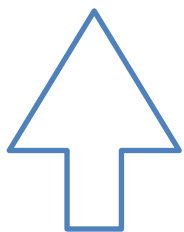
- Criptografia

### Situação de Aprendizagem:

- Manipulação de arquivos usando a linguagem **Java** usando algoritmos de criptografia através da API JCA

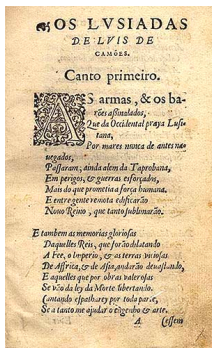
# Aplicação

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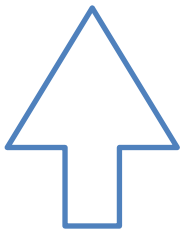
a. a aplicação terá a capacidade de abrir um arquivo com texto não criptografado;

# Aplicação

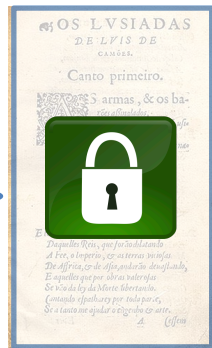
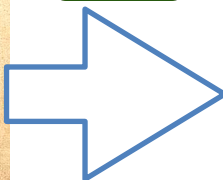
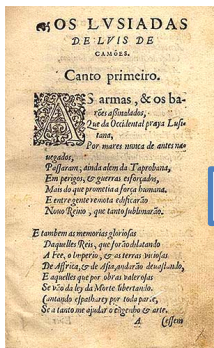


b. carregar este arquivo em memória;

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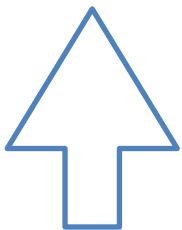


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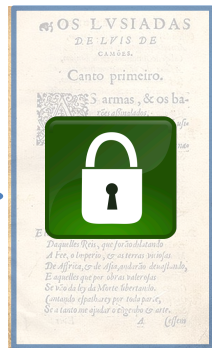
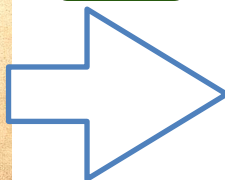
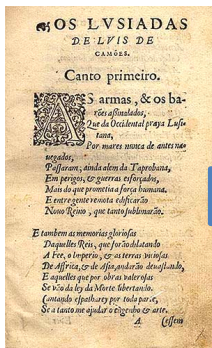


c. criptografar seu conteúdo;

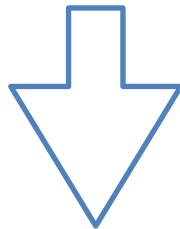
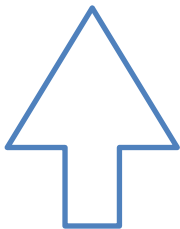
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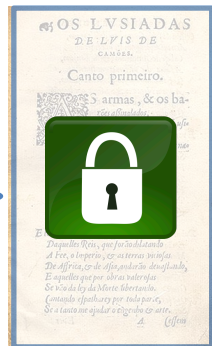
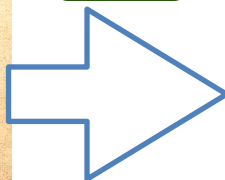
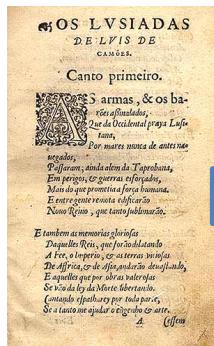


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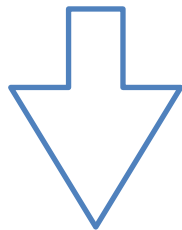
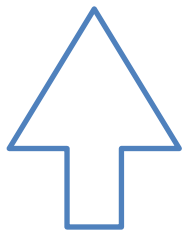


d. salvar o arquivo  
criptografado;

# Aplicação

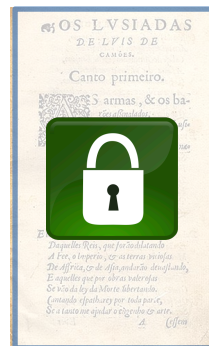
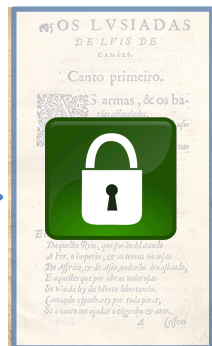
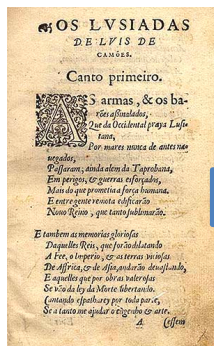


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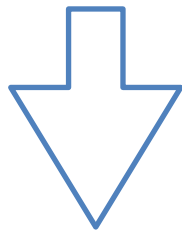
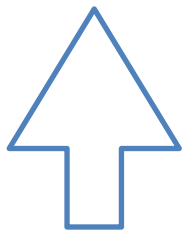
e. abrir um arquivo  
criptografado;

# Aplicação

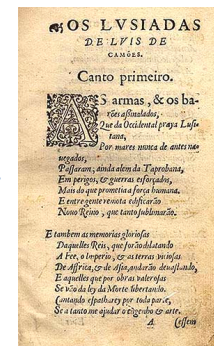
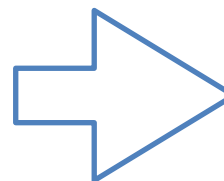
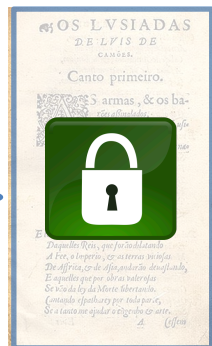
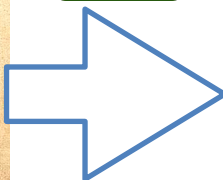
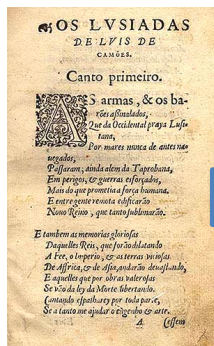


f. carregar o seu conteúdo em memória;

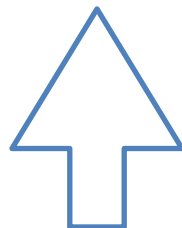
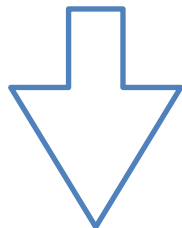
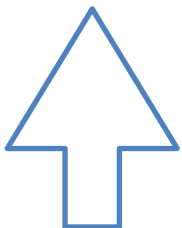
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# Aplicação



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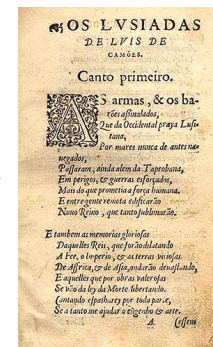
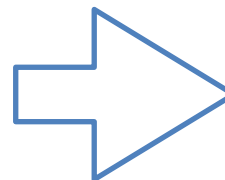
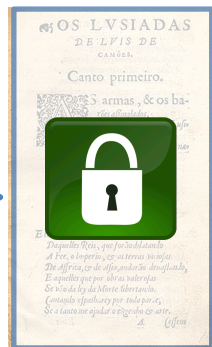
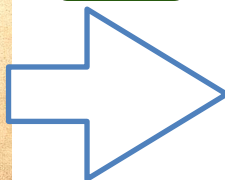
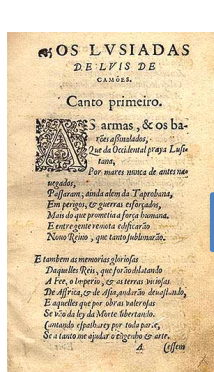


g. decriptografar o seu conteúdo;

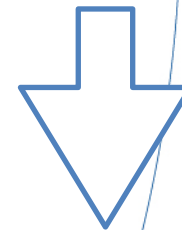
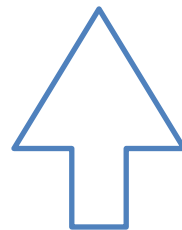
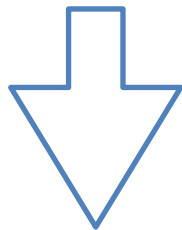
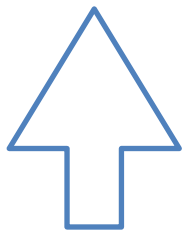


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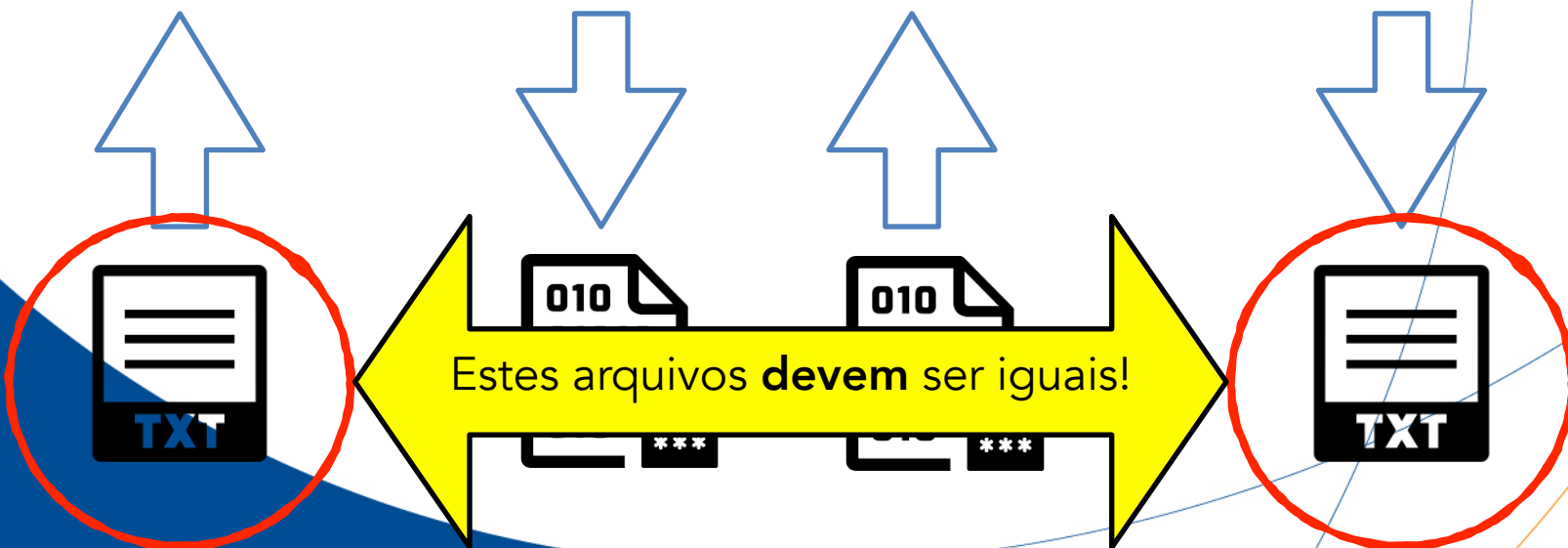
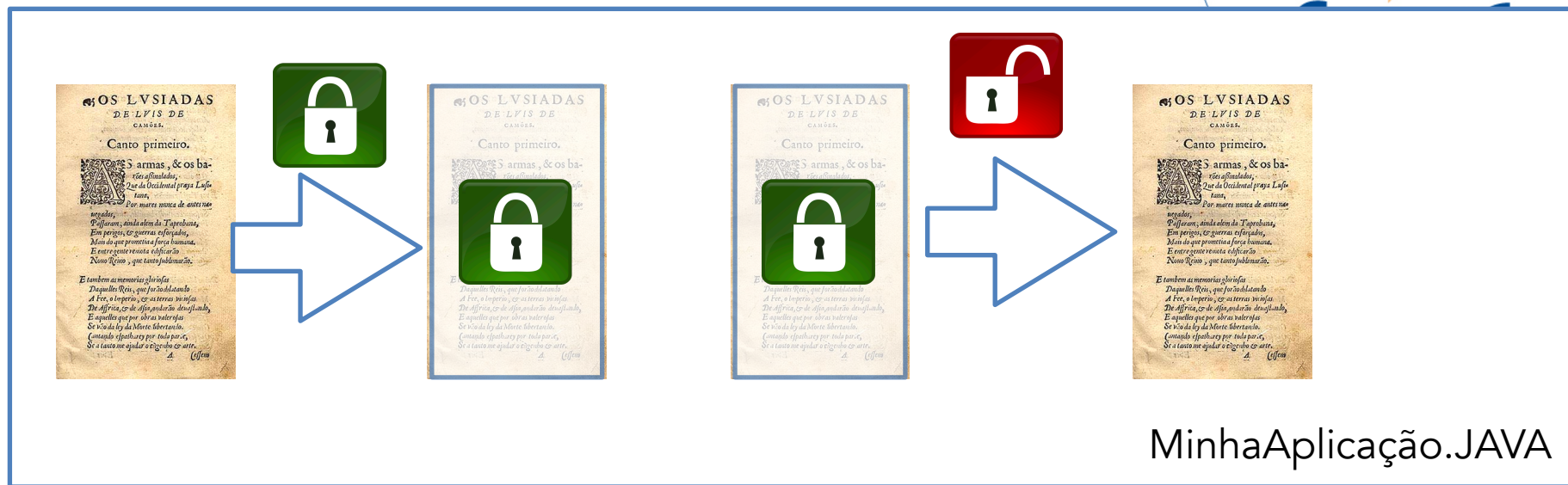
h. salvar o texto  
decriptografado.



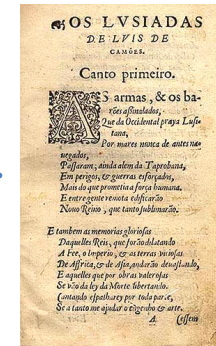
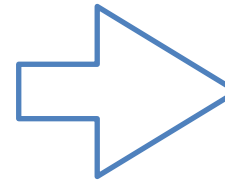
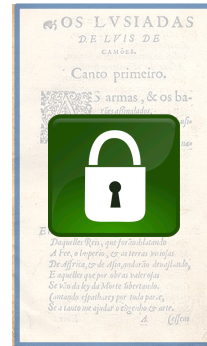
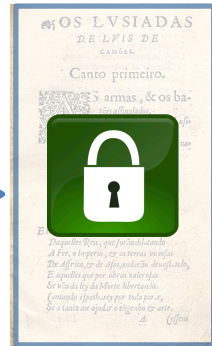
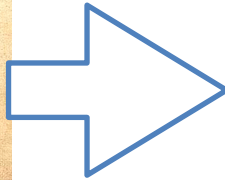
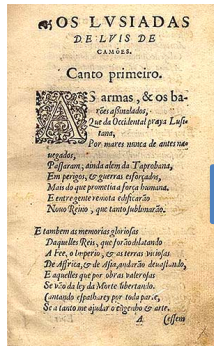
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# Aplicação



# O que deve ser enviado?



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Enviar isso



Enviar isso

