**Code Portfolio Creation in Java**

<Week of October 14, 2018>

<Creating and Using a Cryptographic Class>

Create:

A class called Cryptography.

Details:

1. Create a method call encrypt.

The Encrypter should have the prototype:

public String enCrypt(String plainText)

**Algorithm:**

For each character in the String

Multiply each character by 20;

Copy that character into an array of characters

End For

Copy charBuffer into a String

Return the encrypted String.

1. Create a method call deCrypt.

The Decrypter should have the prototype:

public String deCrypt(String encryptedText)

**Algorithm:**

For each character in the String

Divide each character by 20;

Copy that character into an array of characters

End For

Copy charBuffer into a String

Return the decrypted String.

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