**Teacher Introduction To Code Trather**

**Table of Contents**

Revision History **2**

Forward**3**

Grading with Unit Test**4**

Decryption**7**

**Revision History**

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| --- | --- | --- | --- |
| **Date** | **Version #** | **Author** | **Description** |
| 4/12/2023 | 1.0 | Meagan | Initial Draft |

**The following document has been developed to help guide the teacher with an overview of Code Trather. The teacher will find a walkthrough of decrypting a student’s submitted file and finding patterns in a class’s submissions.**

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| **Grading with a Unit Test** |

1. Navigate to where you have the program saved and double click on it. Upon opening, the window in Figure 1 will show.

Graphical user interface, application

Description automatically generated

Figure

1. After clicking Grade with Unit Test, two dialog boxes will open. In the first box you select your unit test file and in the second dialog box you select the folder containing all the students’ assignments. See Figures 2 and 3 for examples.

A screenshot of a computer

Description automatically generated

Figure

A screenshot of a computer

Description automatically generated

Figure

A picture containing graphical user interface

Description automatically generated

Figure

1. After opening the folder containing students’ assignments, the dialog box seen in Figure 4 will show. You will find an Executive Summary containing the names and grades of all students. Also shown in Figure 5, you will find a copy of the unit test you provided.

Text

Description automatically generated

Figure

|  |
| --- |
| **Decryption** |

1. A screenshot of a computer

   Description automatically generated with medium confidenceGraphical user interface, application

   Description automatically generatedAfter clicking Decrypt, one dialog box will open. In the dialog box, navigate to where you have student files saved and select the file you want to decrypt. See Figures 6 and 7 for help.

Figure 7

Figure 6

1. Upon successful decryption, you will see the pop up seen in Figure 8.

Graphical user interface, text, application, chat or text message

Description automatically generated

Figure 8

1. In your downloads folder, you will find a Cryptog folder and in it you will find a .zip folder. Upon opening the .zip folder you will find all files associated with that student’s assignment. Figures 9, 10, and 11 show what these files look like.

A picture containing background pattern

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Figure 11

Text

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Figure 10

Figure 9