**Teacher Introduction To Code Trather**

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**Revision History**

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| --- | --- | --- | --- |
| **Date** | **Version #** | **Author** | **Description** |
| 4/12/2023 | 1.0 | Meagan Kropp | Initial Draft |
| 4/26/2023 | 2.0 | Meagan Kropp | Final 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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| **Decryption** |

1. Graphical user interface, application

   Description automatically generatedA screenshot of a computer

   Description automatically generated with medium confidenceAfter clicking Decrypt, one dialog box will open. In the dialog box, navigate to where you have student files saved and select the files you want to decrypt. See Figures 1 and 2 for help.

Figure 2

Figure 1

1. Upon successful decryption, you will see the pop up seen in Figure 3.

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

Description automatically generated

Figure 3

1. In your downloads folder, you will find a Cryptog folder and in it you will find a .zip folder (or multiple if you chose to decrypt more than one file). Upon opening the .zip folder you will find all files associated with that student’s assignment. Figures 4, 5, and 6 show what these files look like.

A picture containing background pattern

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Figure 6

Figure 5

Figure 4

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| **Grading with a Unit Test** |

Graphical user interface, application

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1. After clicking Grade with Unit Test, two dialog boxes will open. In the first dialog box you select your unit test file and in the second dialog box you select the folder containing all the students’ assignments\*. See Figures 8 and 9 for examples.
2. Navigate to where you have the program saved and double click on it. Upon opening, the window in Figure 7 will show.

\* The folder you provide **must** contain the decrypted student programs.

Figure 7

A screenshot of a computer

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Figure 8

A screenshot of a computer

Description automatically generated

Figure 9

A picture containing graphical user interface

Description automatically generated

Figure 10

1. After opening the folder containing students’ assignments, the dialog box seen in Figure 10 will show. As shown in Figure 11, you will find an Executive Summary containing the names and grades of all students and a copy of the unit test you provided in your downloads folder.

Text

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Figure 11