User Documentation for Caesar.py

NAME

Converts user input on the command line into an encrypted message that will output only capital letters with no spaces.

SYNOPSIS

Requires 3 parameters on the command line to execute.

* [*filename*]*,* [*shift value*]*,*[*user text*]

Python execution:

* [Win OS] python
* [Linux OS] python3

Parameters:

* [file name] - caesar.py
* [shift value] - user defined
* [user text] - user defined

DESCRIPTION

The program takes command line inputs from a user, [shift value] and [user text] and then

converts the user inputs into an encrypted message.

* [shift value] has to be an integer
* [user text] has to start with a double quote

Win(OS) Example:

* python caesar.py 1 “example 123”

ERROR CODES

* Error 00: Parameter Error - requires 3 arguments: program name(caesar.py), shift value(user defined whole number), and user text(user defined in double quotes)
* Error 01: Value Error - Please only use whole numbers (integers) shift value
* Error 02: Range Error - Please enter a positive or negative whole number between 1 and 25 inclusive

BUGS AND ANOMOLIES

Please report any anomalies/bugs outside of the below to [itservices@companyname.com](mailto:itservices@companyname.com)

* Program is designed to convert full stops “.” into a capital X “X”, which will then be converted to a capital letter based on the shift value, this is not a bug but a feature of the program.
* A user shift value of 0 will only convert lower case letters into upper case and will not encrypt, this is also not a bug but a program feature.
* Code will generate Error 00 if single quotes are used instead of double quotes in the user text parameter.
* Code will work if user text parameter starts with a double quote but does not finish with a quote.
* If a user enters just numbers and symbols(except for full stops) as their user text, it will still do the encryption, however it will display no output.