

Introduction

The aim of the coursework is to create and design a website that when you put characters into it, encrypts it into 2 different ciphers.

My website is a simple website that when you put plain texts into it, it converts it and changes it into the chosen cipher that you have chosen.

I also chose to do Caesar cipher for mine chosen code and I also chose to use brute force technique and the reason I chose these methods of code is because of the complex method of implementing the Caesar cipher into my code and the unique way it encodes plain texts.

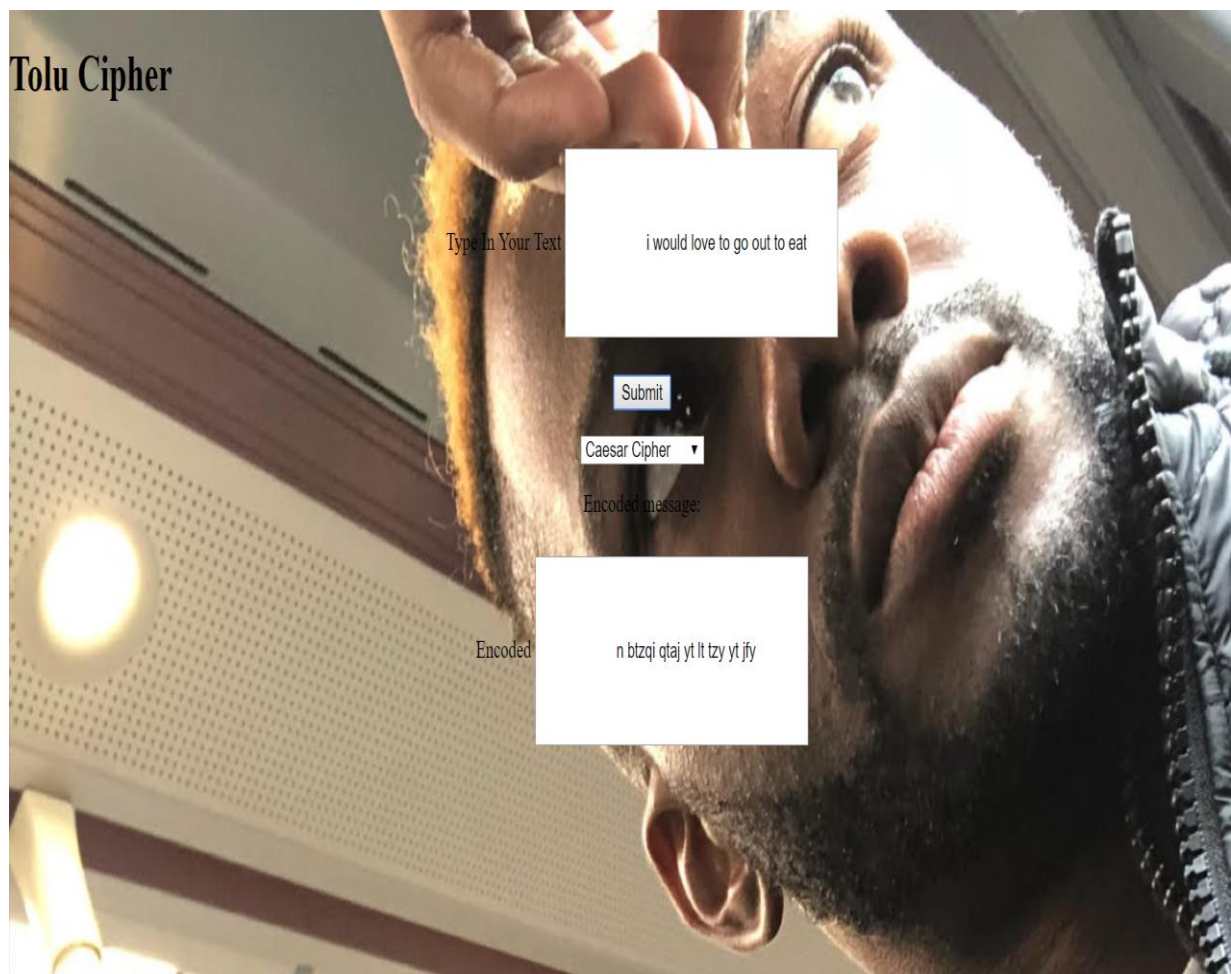
Software Design

The way I have planned to make my website is by putting the whole text boxes and buttons all in the centre of the website so it can easily be understood. The requirements are:

- A text box
- A submit button
- Dropdown list

Implementation

My website is easy to use. All you will have to do is to go to the text box and put whatever word you want to use and click on the submit button and it will convert the word into Caesar Cipher and you can also choose from the drop down menu to change from Caesar Cipher into what I call Keyboard Cipher.



Critical Evaluation

I think I could have made the site look more presentable

I could have added more text and pictures to make it aesthetically pleasing to the eye

I think the website that I have made matches the requirements I was given, I just added a drop down box instead of doing it as two separate entities.

Personal Evaluation

I have learned to have patience while writing this code and the reason is because of the challenges I faced while writing it.

One of the challenges I faced was implementing the JavaScript into the code

Second challenge I faced was in the code writing phase, It took me a long time to implement the code into the html, I did it several times because it was not working as I wanted it to and the transition was not as smooth as I wanted it to be, going from brute force to Caesar's cipher.

The methods I used to overcome these challenges was to go to the beginning which meant watching YouTube videos and reading from a lot of websites about how to solve my problem.

References