



**Bachelor of IT (Computer Science)**  
**Assignment 2 - Creative Coding Project**  
**DXB211 - Creative Coding**

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# Contents

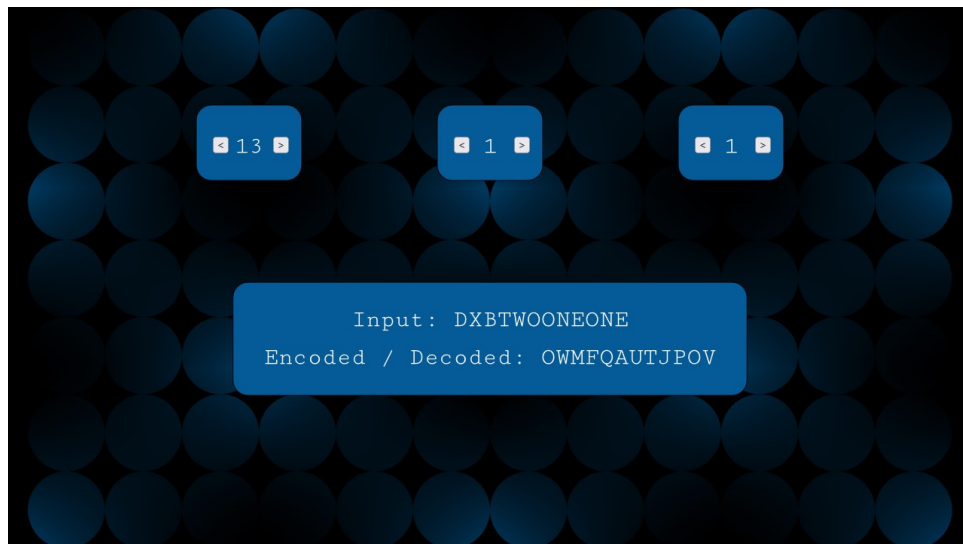
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# 1 Introduction

In WWII Germany, Enigma was an instrumental tool in the German war effort. Enigma was a machine used to encrypt and decrypt intelligence communications between German forces. The sketch created for this assignment aims to simulate the Enigma machines encryption and decryption process.

To run this sketch you will need to run `python -m http.server` in the `src` folder of the project. Then navigate to `localhost:8000` in your web browser and open the `entry.html` file.

To use the sketch, set the three rotors to the desired positions, then simply type and plain text will be displayed next to the **Input** heading along with the encrypted / decrypted text next to the **Encoded / Decoded** heading.



## 2 Design and Aesthetic