

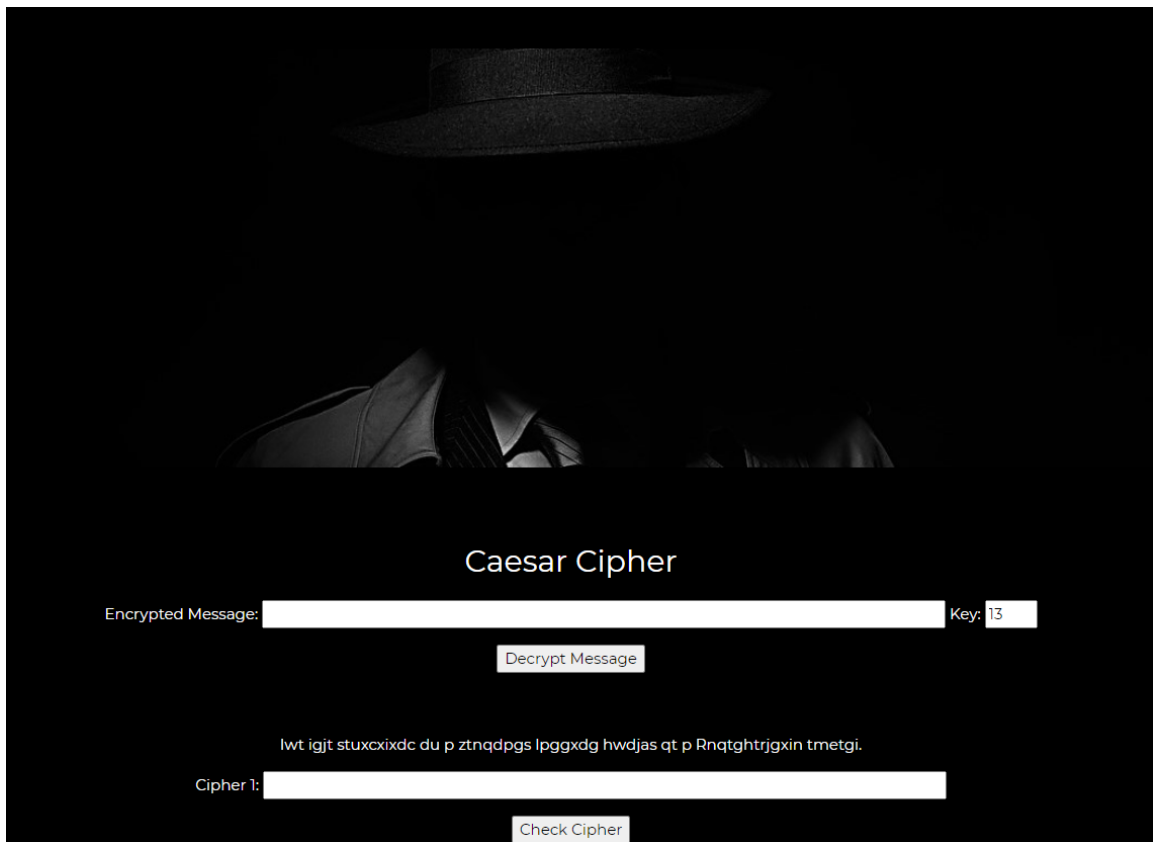
Johnny Cipher Teacher Workout Instructions

Introduction

This workout will introduce students to basic key cryptography with the ever popular Caesar cipher. Here is a Wikipedia article that gives the basic overview on how the encryption and decryption process works for a Caesar cipher.

The Workout

This workout is pretty straight forward. Students will be given a random combination of three ciphers that were encrypted using the Caesar cipher and they must see if they can decrypt the cipher either by hand or by using the tool provided on JohnnyHash.

The image shows a web application interface for a Caesar Cipher tool. At the top, there is a dark, stylized image of a person wearing a wide-brimmed hat. Below this, the title "Caesar Cipher" is centered. The interface includes an "Encrypted Message:" label followed by a long white input field. To the right of this field is a "Key:" label followed by a small input field containing the number "13". Below these fields is a "Decrypt Message" button. Underneath the button, a sample encrypted message is displayed: "lwt igjt stuxcixdc du p ztnqdpqs lpggxdg hwdjas qt p Rnqtghtrjgxin tmetgi.". Below the message is a "Cipher 1:" label followed by another long white input field. At the bottom, there is a "Check Cipher" button.

If a submitted guess is correct, the input box will turn green. Once students have correctly decrypted all three messages, the workout will automatically be marked as complete!