# CS 305 Module Five Coding Assignment Checksum Verification Template

## Instructions

Using the instructions from theModule Five Coding Assignment Checksum Verification Guidelines and Rubric, replace the bracketed text with the relevant information in your own words.

## Algorithm Cipher

SHA-256

## Justification

The reason I chose this cipher is the most widely used cipher today, it is the cipher predominately used by the U.S. government today and the cipher has never been broken, making it the most secure cipher available today. In my opinion, all of this doesn’t even leave a decision when needing to use a cipher to generate a hash.

## Generate Checksum

ff096b0b6c56f77e40a3eca2ba93606de1bc12ca0c199ea25f1429fd1a4209ac

## Verification

Graphical user interface, text, application, website

Description automatically generated