**Capture the flag exercise: Analyze JavaScripts**

For this exercise, search for and download tools to your VM to perform this activity. Hints are provided throughout the module and in the questions below. For help, refer to the Capture the Flag exercise demo video in Module 2.

From re\_exercises.zip, you will analyze:

js.html

**Answer the following questions and capture the flag:**

* What is the MD5 hash of the file?

**b5b045eb0c0e9f1663d37ffcd4b942d9**

* What is the SHA256 hash of the file?

**215ea42665a81a02847ffdbd13279c50c819b12ad8c1e33d9d4424e3075d6b5e**

* Where does this program externally connect to?

**http://going.to.abdomain.net/goto/mami/**

* What is the flag? (Hint: Debugging is the key. The flag is in one of the variables)

**J4VA5CR1PT\_15\_NOT\_JAV4\_X-Force**

First, the eval function, I created the toeval variable and assigned the eval function.

A close-up of a computer screen

Description automatically generated

Then, I loaded the file that I called decoded.html to load it using Chrome. I went to console and typed toeval to see the content of the function.

A screenshot of a computer

Description automatically generated

Finally, I created a new file with the js extension and embedded it in another file with the extension html to see how the second code worked using a web browser.

A screenshot of a computer

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