You have been approached by Zark Muckerberg, owner of Phasebuk, who is having problems with a new experimental feature of the BetaVerse, his virtual reality platform, a feature powered by an LLM (Large Language Model). Apparently, after a workers union dispute, some disgruntled developers left in the middle of the project, burying a crucial password inside the application. Following some initial attempts to uncover it using your standard toolbox, you were able to retrieve what you believe is the password you seek in an encoded form. After several unsuccessful attempts at decoding, in your desperation, you asked the AI assistant within the BetaVerse for help. To your pleasant surprise it recognized the encoding, but behaving in accordance with its programming, it gave you the instructions on how to decode it as an in-universe story. Now you have to figure out it's puzzle to solve your problem…

Encoded Password:

01000100440110111144011011104301100101 7B010111114E010110016F011001017401110100 5F01111101

LLM's story:

The witch Hexia and the wizard Decimus in their deep study of magic discovered a connection to a different world and time to a person called Caesar, known for a cypher that bears his name. In their curiosity they cast a spell to communicate with this Caesar but their message travelled through the Kingdom of Asciia on its way to Caesar and got entangled with it's binary nature. You have to untangle the non-binary spell of Hexia and Decimus and restore it back to its original language. The remaining Asciian speech also needs to be converted to normal language. After combining them you need to use Caesar's guidance to make the following adjustments to account for the corruption that occured during the entanglement:

"Keep the deedeecee, underscore and curly
They are all as they should be
Then with Caesar you must count
For each mark the right amount:
-3, -6, -4, -0, -10, 8, -12, 9, 11, 5"

And remember that in ancient Rome, the Capital was very important.

Hexia and Decimus wish You good luck!