DRUNK CODER

On simple execution we are first asked for number of bytes to be read from a file

Then it warns us not to brute force. Next it gives an output, that password is incorrect.

On closer inspection, we find:

* Sleep function is used thus brute forcing would do no good.
* Read function reads n bytes from the input. Where N is nothing but the number we entered earlier
* Next there is a compare instruction that compares other input to 0x0. Just to make sure that there is some input. Moving forward we see that our input is converted from ASCII to integer using ‘atoi()’ function.
* Then we find that it is being compared to a hex value <0x75130451>. Which is 1964180561 in decimal.
* Since our input is being converted from “atoi()” we can input this directly.
* Being true the condition makes a system call for “/bin/cat flag.txt” this is where we get the required flag
* Now since the number is 1964180561 800 which has 10 digits we will be reading 10 bytes of our input.

This makes our first input as “10” and second as “1964180561”. And, we get the required flag.

Though the 10 is not fixed. We could give any number greater than 10.