Samantha Frankum  
EECS 349: Computer Security

1. Solution in CRACKMEH3.exe
2. The Serial can be calculated by summing up all the hex values of the capitalized letters of the username and then XOR the bits of the summation by 0x444c.

Serial:

* Samantha: 18723
* Yiming: 17793
* Yujie: 17866
* Shifu: 17715

Used the following python code to generate the Serial:

def serialgen(username):

s = 0

print ("Usage: ", username)

for i in username:

i = i.capitalize()

s += ord(i)

return s ^ 0x444c

print(serialgen("Samantha"))