charupparA Nishan=NISHAN

strlen() is it zero

ecx = 0

ecx + 1

eax = pointer to NISHAN

ecx+eax-1 // At first 1-1 = 0 so same

and eax,0ffh

mule eax 5961

dec eax

NISHAN = 00403396

Eax = 00403396

Al = 0x4e N and eax = 0040334E, 0x49 I

and eax,0ffh, eax = 0x4e, 0x49

mule eax 5961|0x1749 = 0x7183e, 0x6a3d1

dec eax = 0x7183d, 0x6a3d0

add esi,eax 0x7183d + 0x6a3d0='0xdbc0d'

Python Equivalent

def keygen(s):

total = 0

s = s.upper()

for i in s:

i = ord(i)

i = i \* 0x1749

i = i - 1

total = total + i

print("SnD-{}".format(total))

keygen("iamhero")