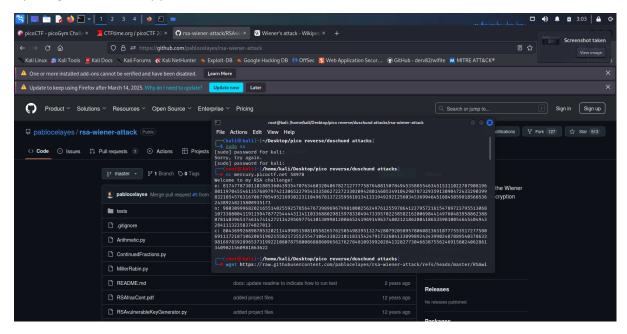
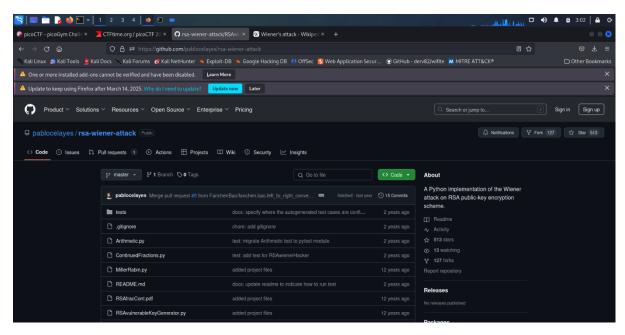
By using the nc mercury.picoctf.net 58978



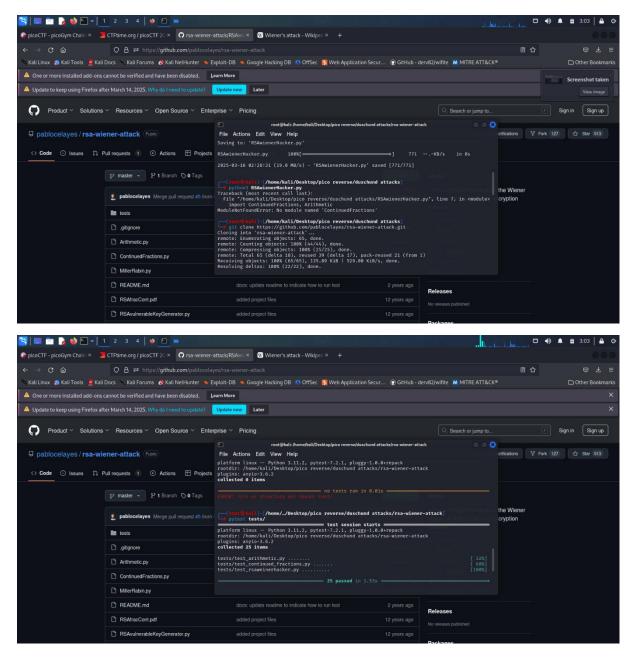
So next step is



Use the the required github to use weiner attack against rsa cipher basically when d is too small it will create in secure cipher

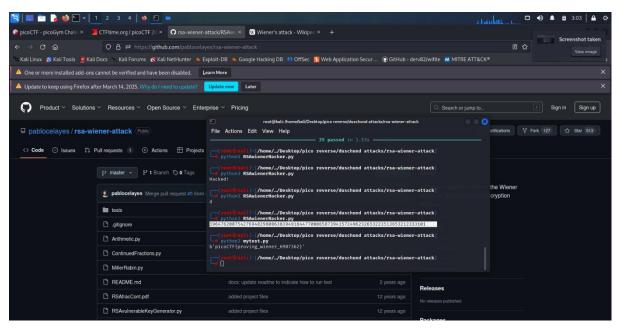
https://github.com/pablocelayes/rsa-wiener-attack

read the readme in the directory of the github and do the required steps

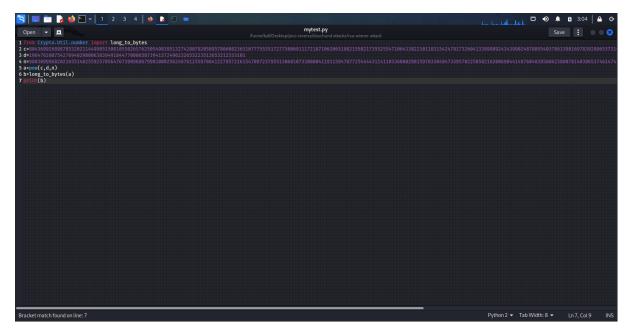


Now, change the program a little and print d nad write the function so that it can call

And then you will find the d



And use the d for your script



And execute it you will get the flag

from Crypto.Util.number import long_to_bytes

c=8043699268987853202114499051508105582657625054983951327428079205895780608236310
77755351727758069111721871062065198215582173552554710643382210118315424791732604
13389989243439902487889540378633981697839289653731992210807875800868886096562762
78481093992028413282773046638755624691580240628613409821560981863622

d = 19647620075427694029800638394918447700065873941572496232653223513653212333101

n=980309996820216551402559257856476739896967998100025624976125597864122795721615 47897237955130681073388004119115947877254444311411033688029815978330494733957022 58582162006984414976048395886238807814039653746147414272134295697754301309981208 6652419691496374802121862004186535981005464540494328411132258374827813

a=pow(c,d,n)

b=long_to_bytes(a)

print(b)

