

Plain text in crypto tool

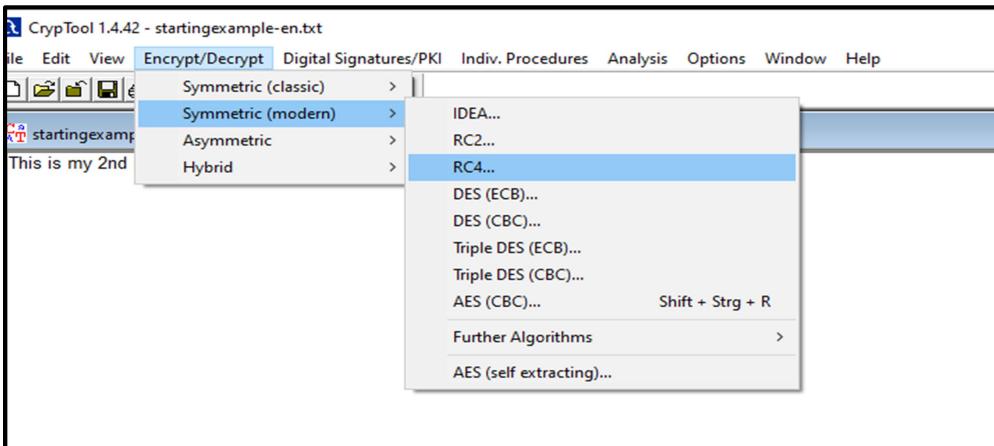


Encryption of the plain text:

Select Encrypt/Decrypt from Menu bar

Then select Symmetric(Modern)

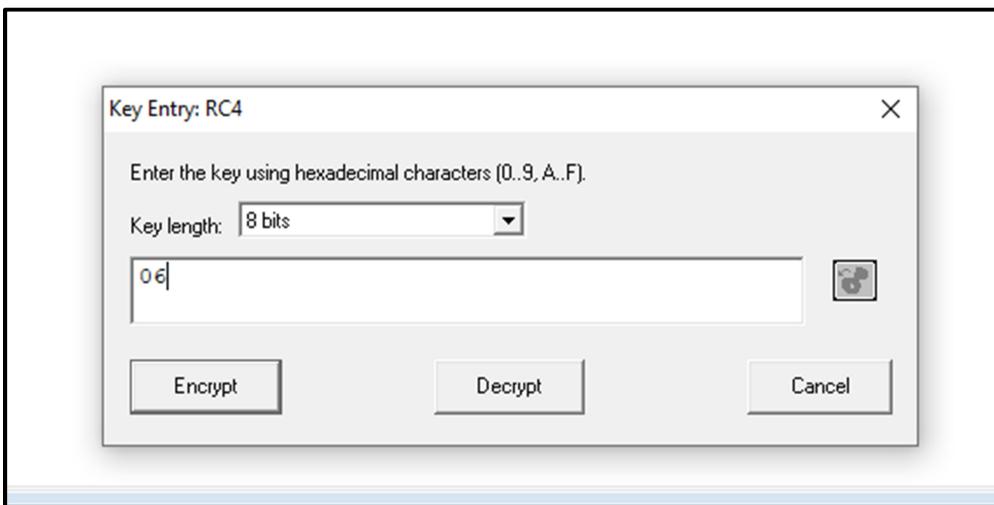
Then select RC4



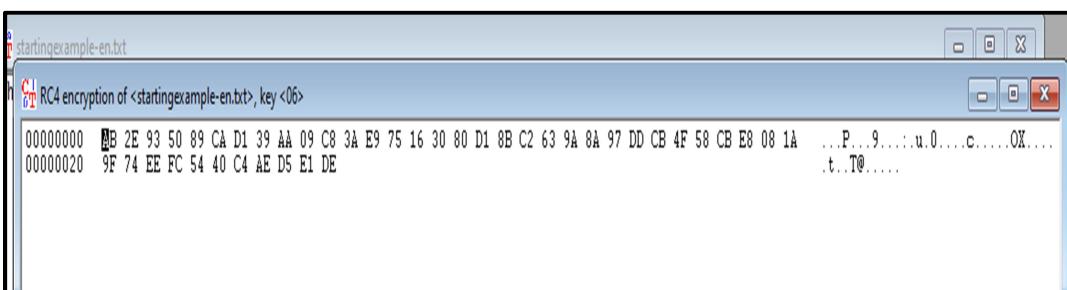
Then select the key length: Example: 8 bits

Then select the secret key: For example I selected 06

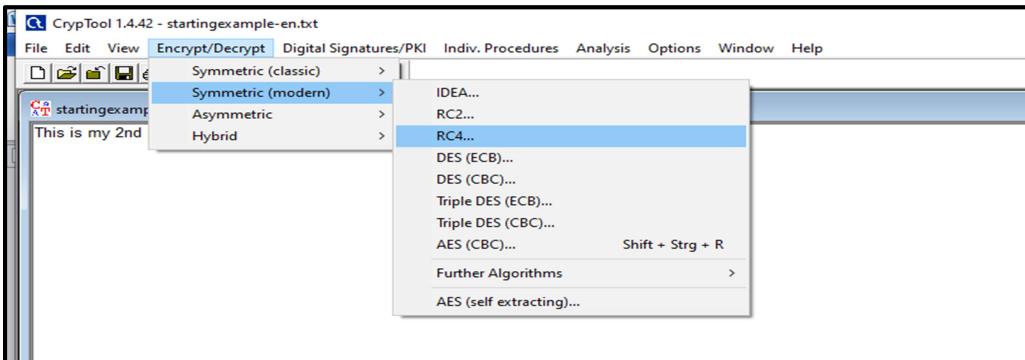
Click on option Encrypt.



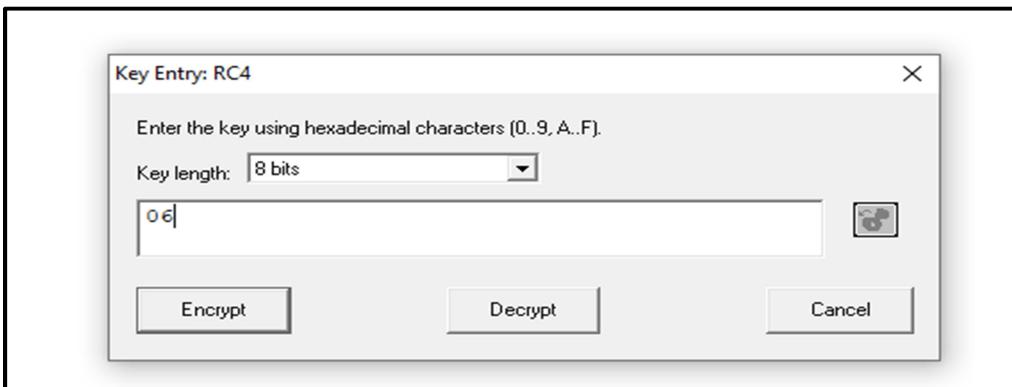
We will get the encrypted text here



Same Process for decryption as we done for the Encryption method:-



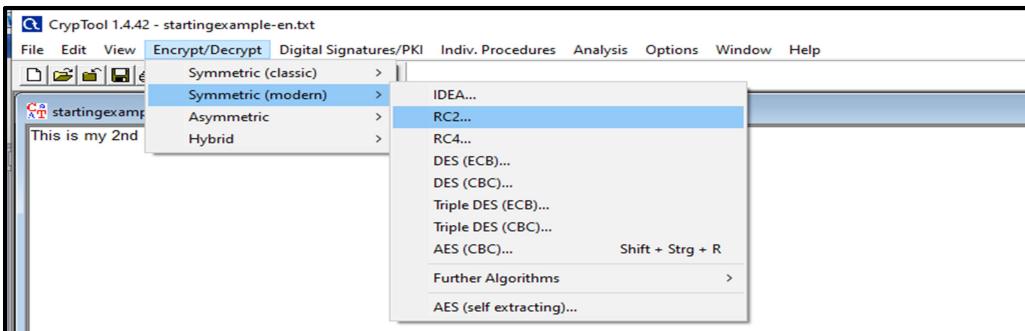
Now select the length as above and also select the key as above click on Decrypt



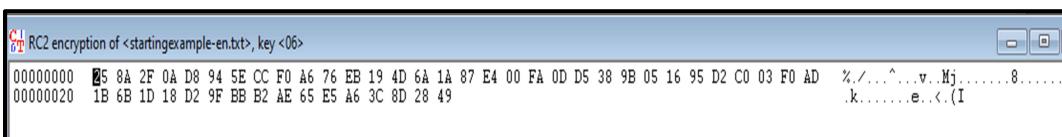
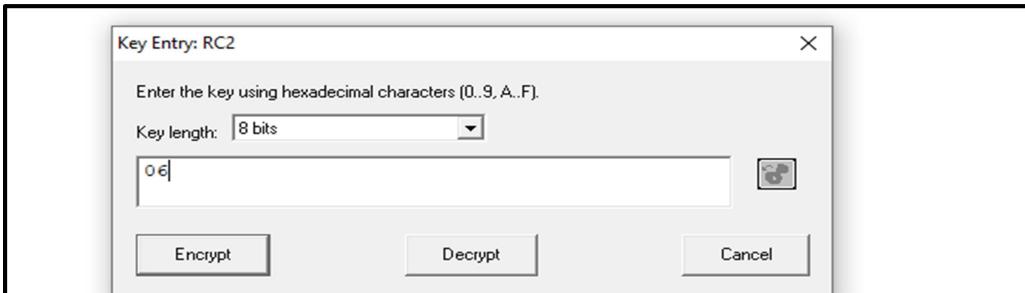
We will be displayed with plain text



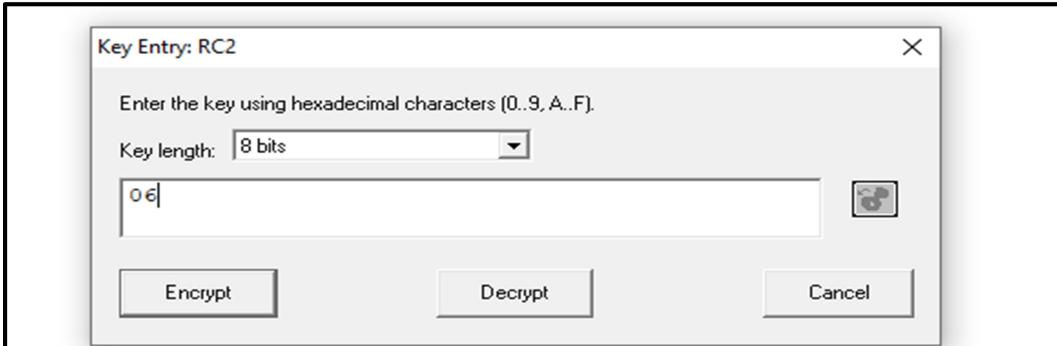
Crypto tool using RC2:-



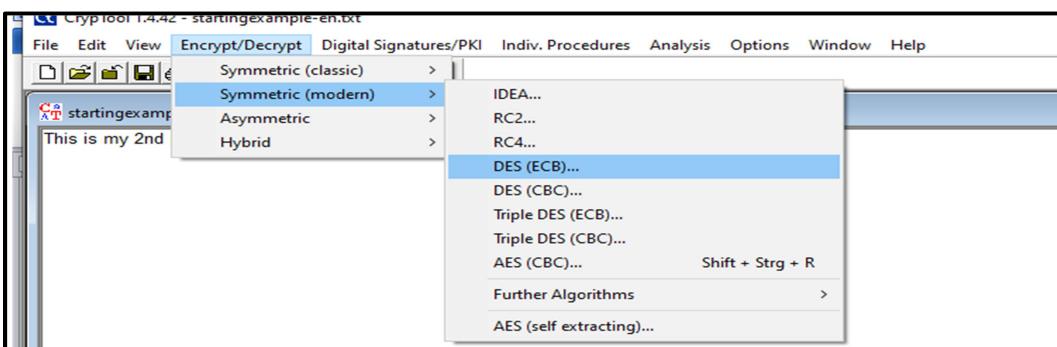
Encrypt:



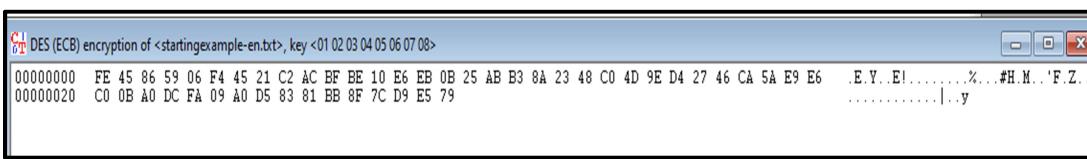
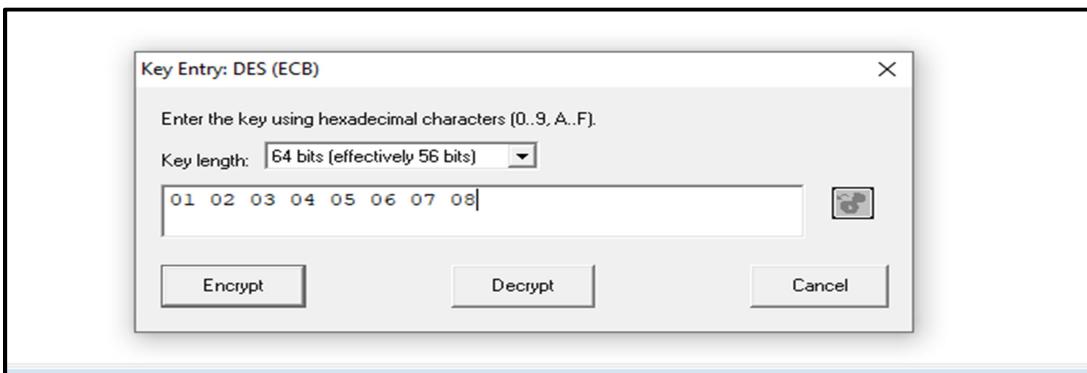
Decrypt:



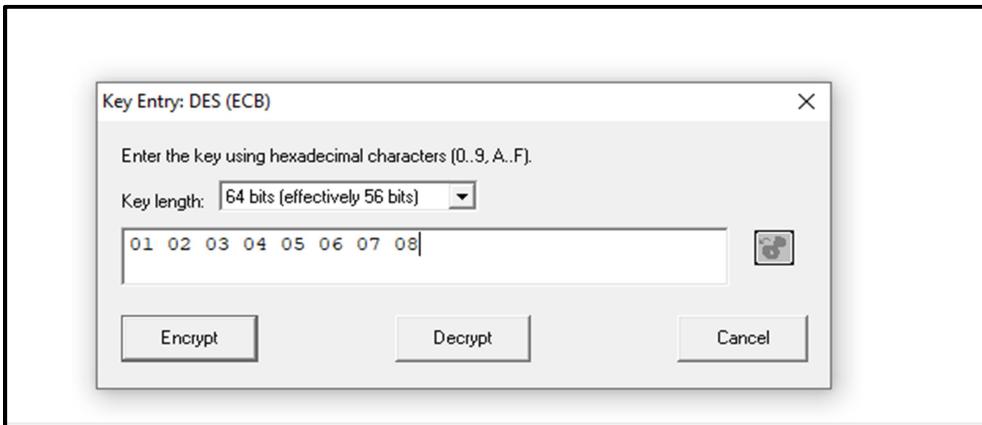
Using DES (ECB):



Encrypt:



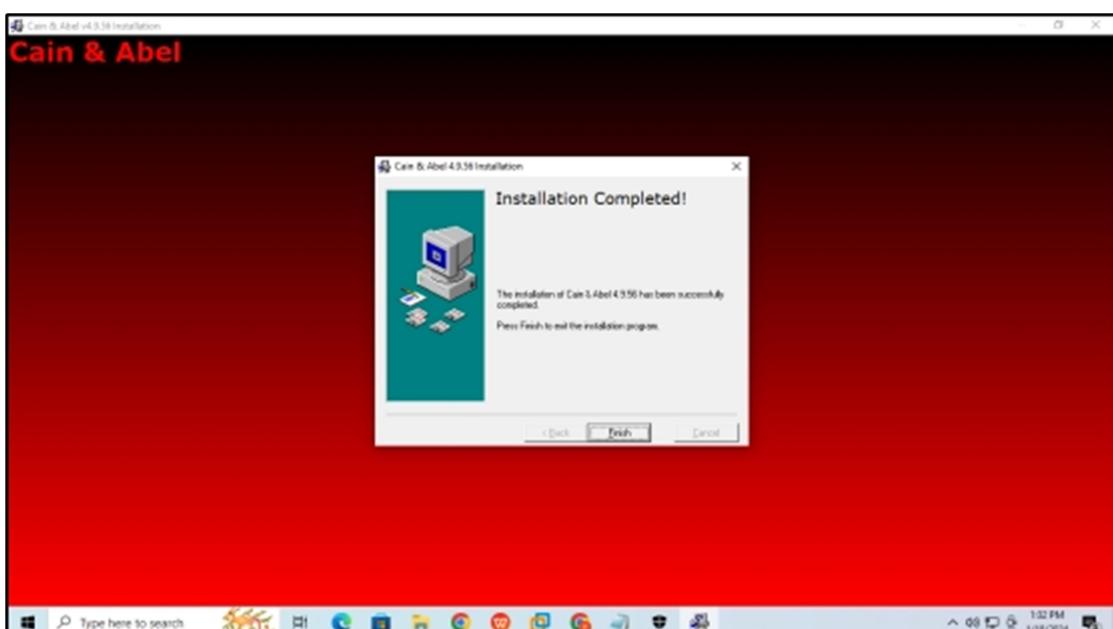
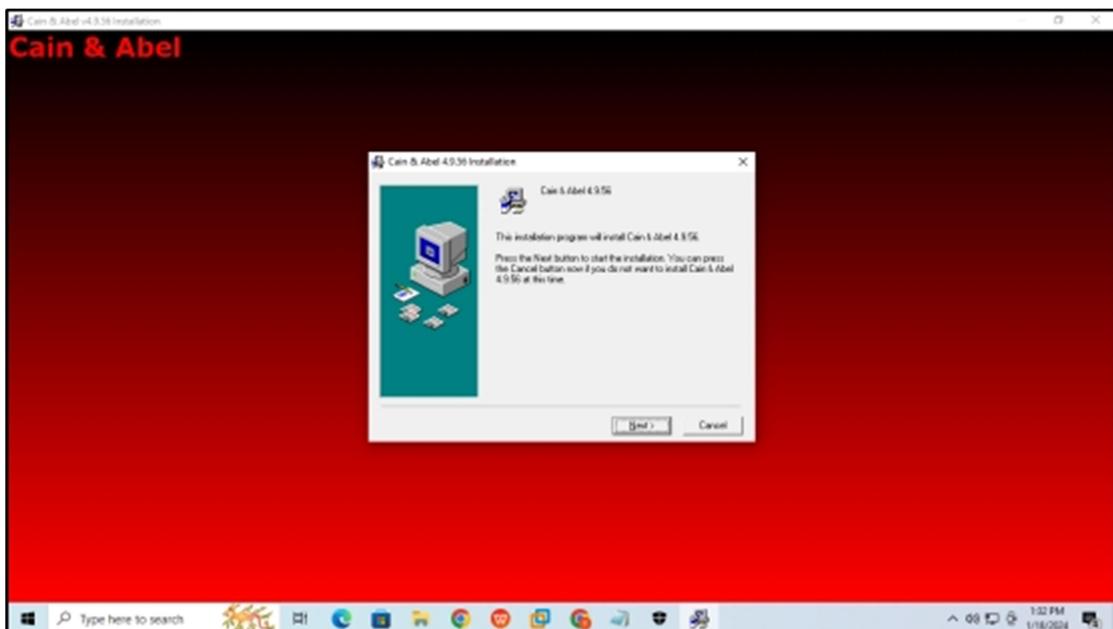
Decrypt:



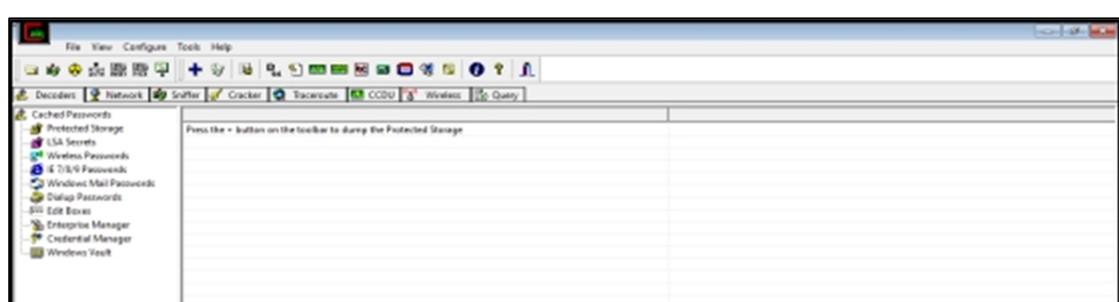
```
C:\ DES (ECB) encryption of <startingexample-en.txt>, key <01 02 03 04 05 06 07 08>
00 C:\ DES (ECB) decryption of <DES (ECB) encryption of <startingexample-en.txt>, key <01 02 03 04 05 06 07 08>, key <01 02 03 04 05 06 07 08>
00
00000000 54 68 69 73 20 69 73 20 6D 79 20 32 6E 64 20 70 72 61 63 74 69 63 61 6C 20 6F 66 20 65 74 68 69 This is my 2nd practical of ethi
00000020 63 61 6C 20 68 61 63 6B 69 6E 67 00 00 00 00 00 cal hacking.....
```

Dictionary Attack :-

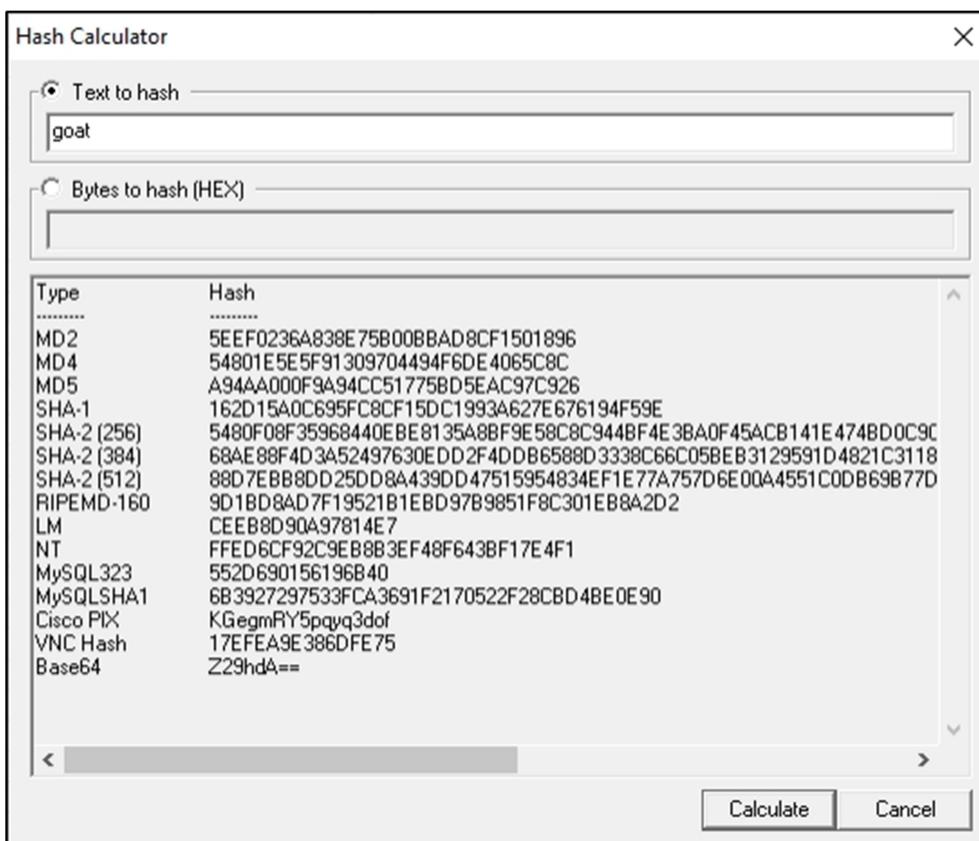
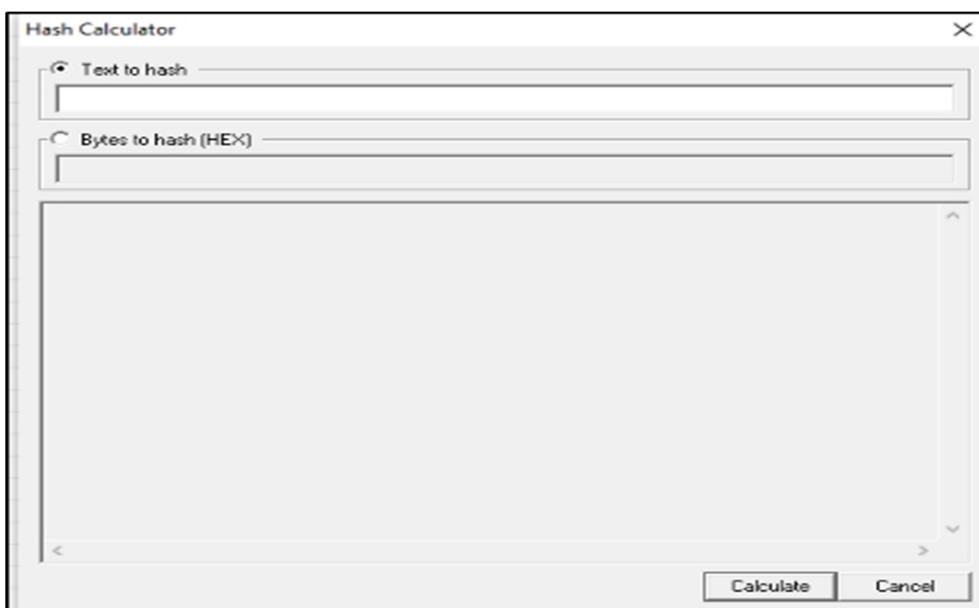
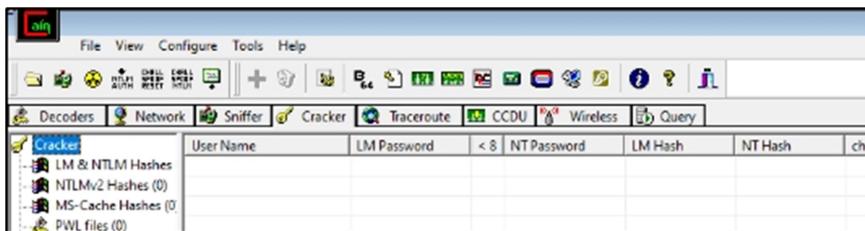
Step 1:- Download Cain and Abel from respected url <http://surl.li/pmhef>



Cain And Abel Interface :-



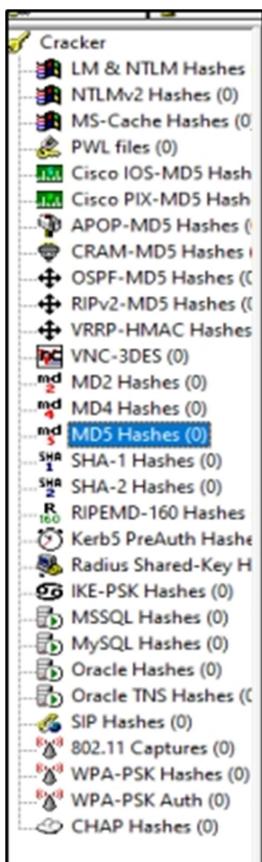
Step 2 :- Click on Hash Calculator



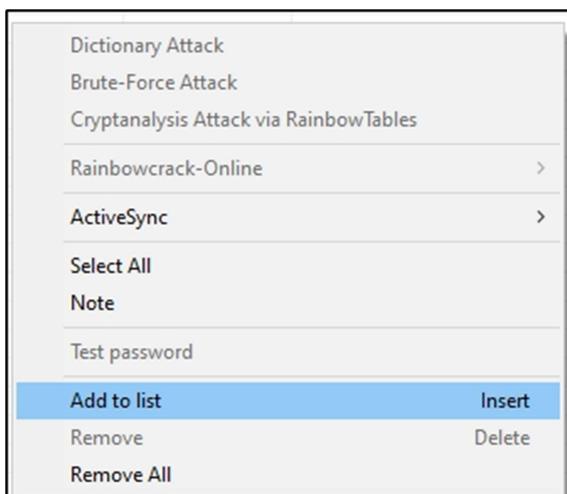
Step 3 :- Select the MD5 Hash value

MD4	54801E5E5F91309704494F6DE4065C8C
MD5	A94AA000F9A94CC51775BD5EAC97C926
SHA-1	162D15A0C695FC8CF15DC19934627E676194F59E
SHA-2 (256)	5480F08F35968440EBE8135A8BF9E58C8C944BF4E3BA0F45ACB141E4748D0C9C
SHA-2 (384)	68AE88F4D3A52497630EDD2F4DB6588D3338C66C058EB3129591D4821C3118
SHA-2 (512)	88D7EBB8DD25DD8A439DD47515954834EF1E77A757D6E00A4551C0DB69B77D
RIPEMD-160	9D1BD8AD7F19521B1EBD97B9851F8C301EB8A2D2
LM	CEE88D90A97814E7
NT	FFED6CF92C9EB8B3EF48F643BF17E4F1
MySQL323	552D690156196B40
MySQLSHA1	6B3927297533FCA3691F2170522F28CBD4BE0E90
Cisco PIX	KGegmRY5pqyq3dof
VNC Hash	17EFEA9E386DFE75
Base64	Z29hdA==

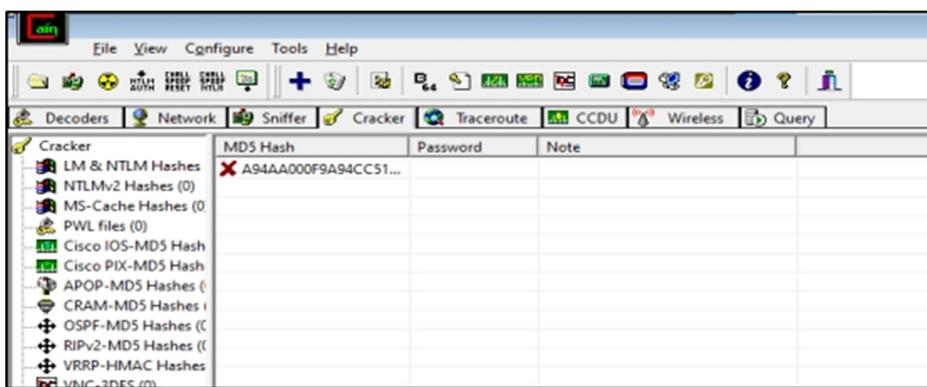
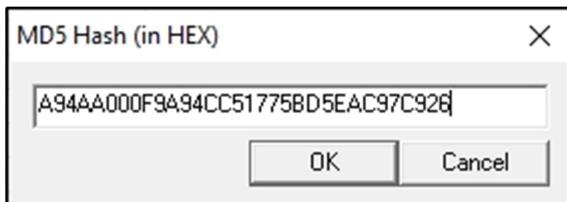
Step 4 :- Select MD5 Hashes



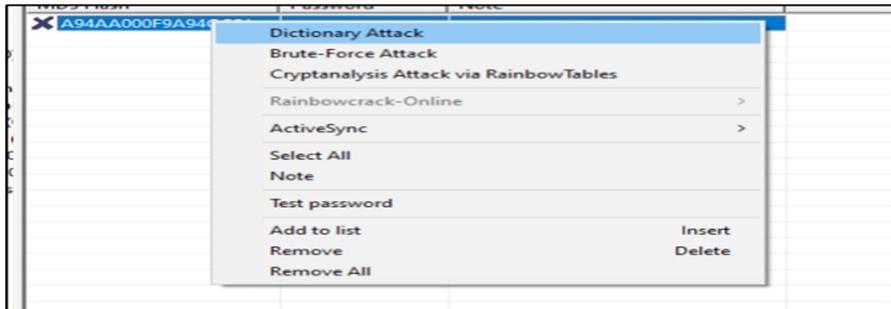
Step 5 :-Right Click on screen and Select “Add to List”



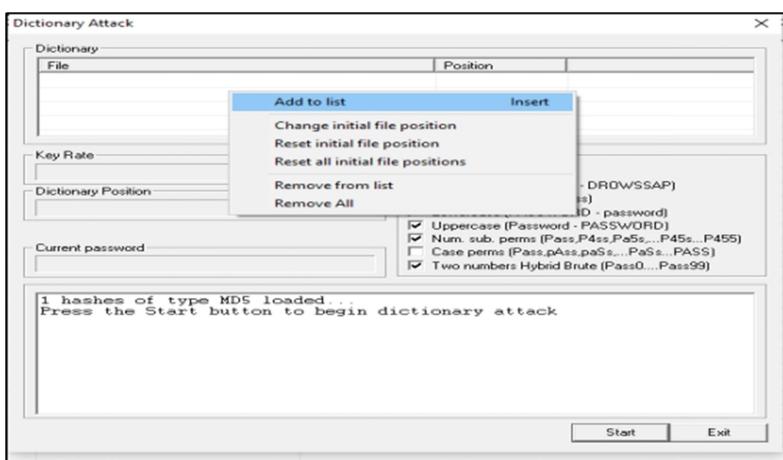
Step 6 :- Enter the Hash Value



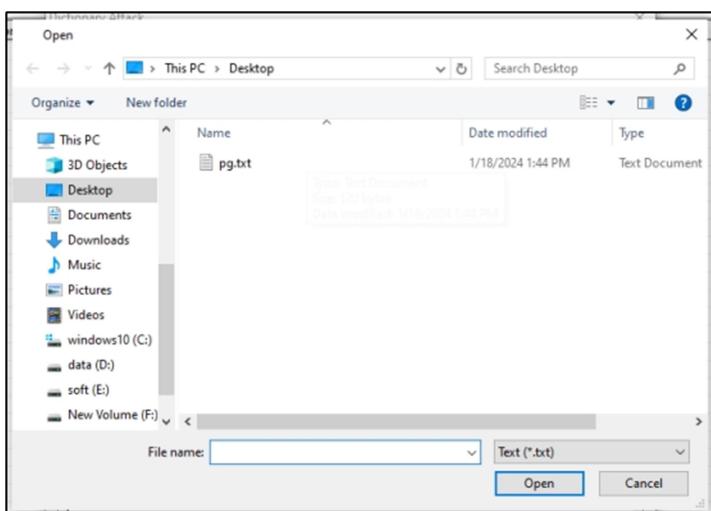
Step 7 :- Right Click On Displayed code And Select “ Dictionary Attack ”



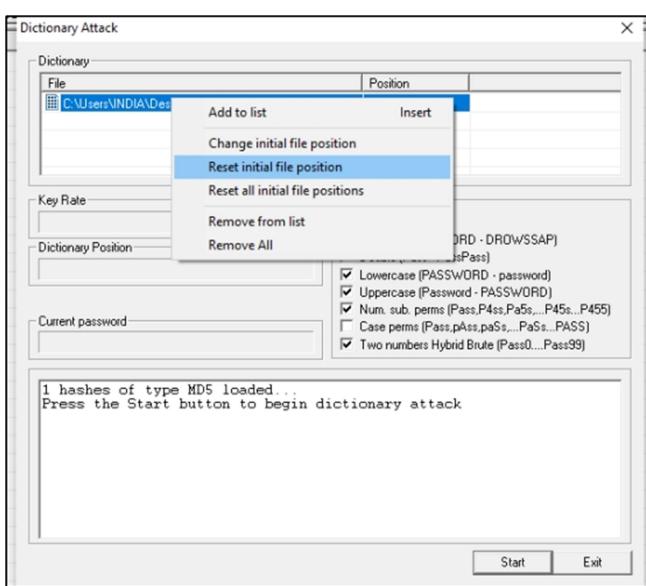
Step 8 :- Right click and select Add to list

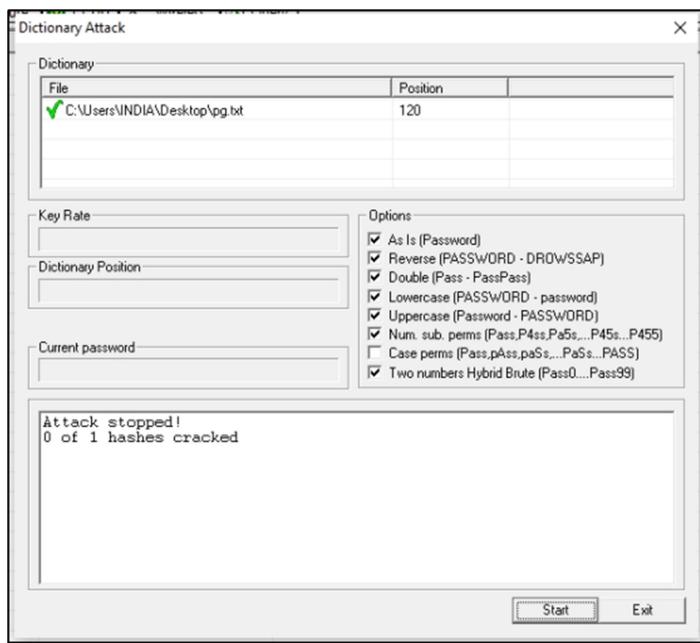


Step 9 :- Select the Text file which contains number of passwords



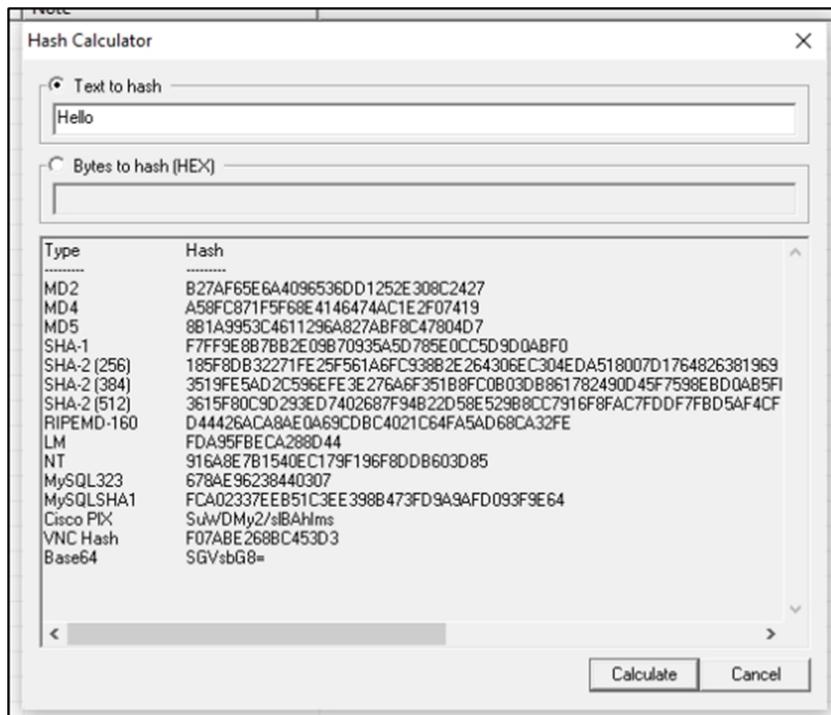
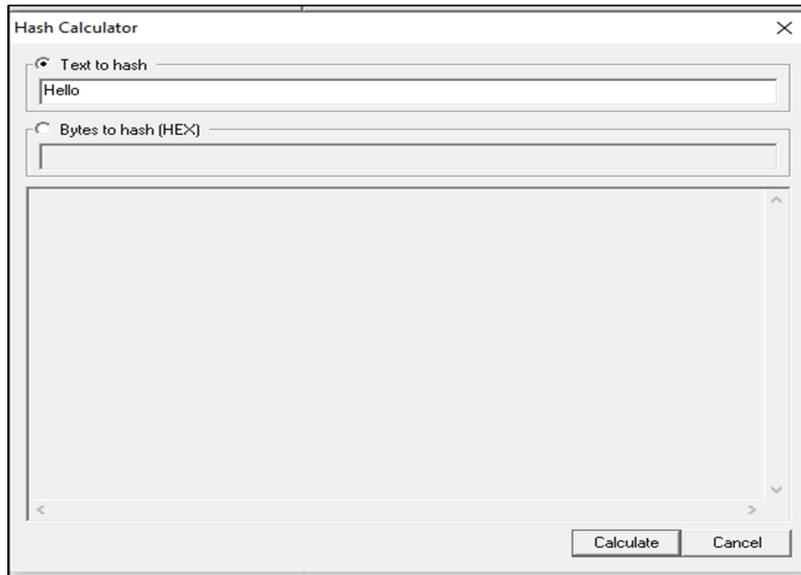
Step 10 :- Right click on the Path and select “ Reset initial file position ” and then Start



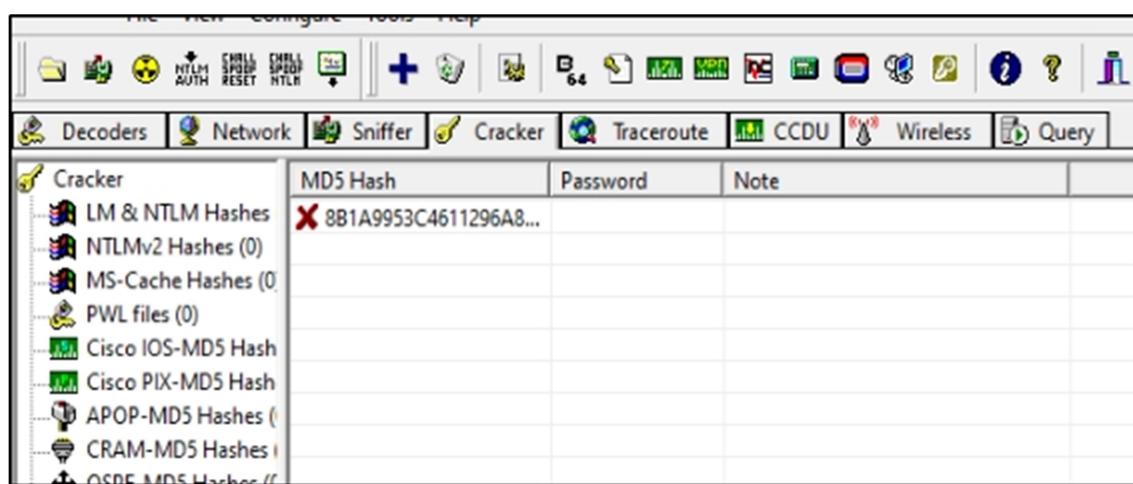
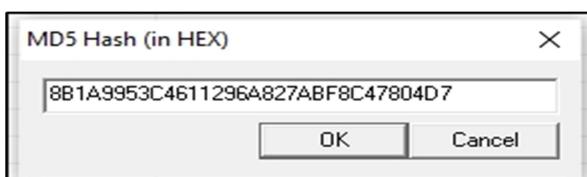
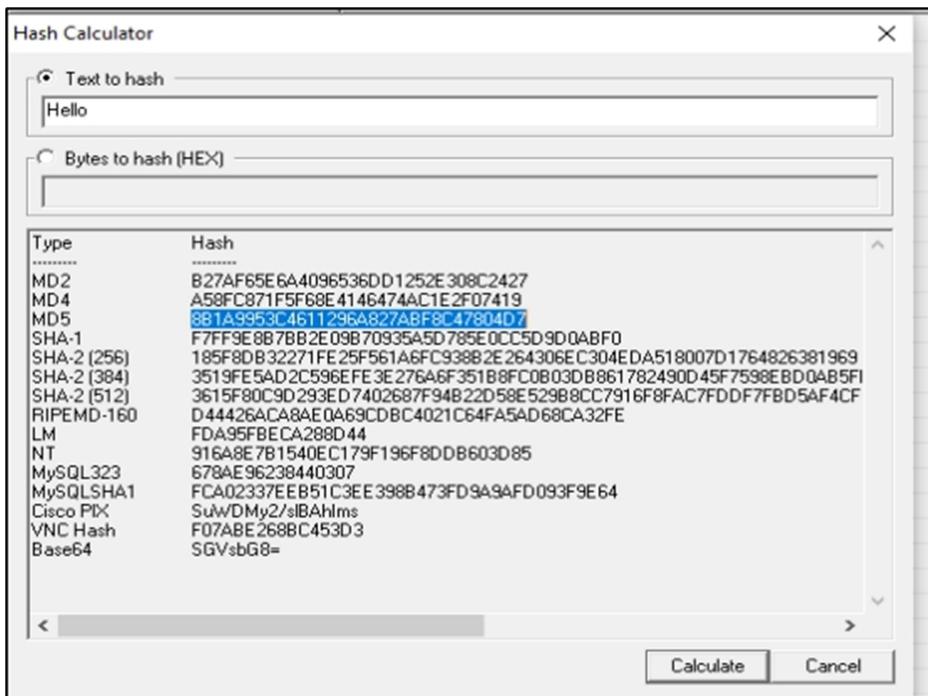


Brute Force Attack :-

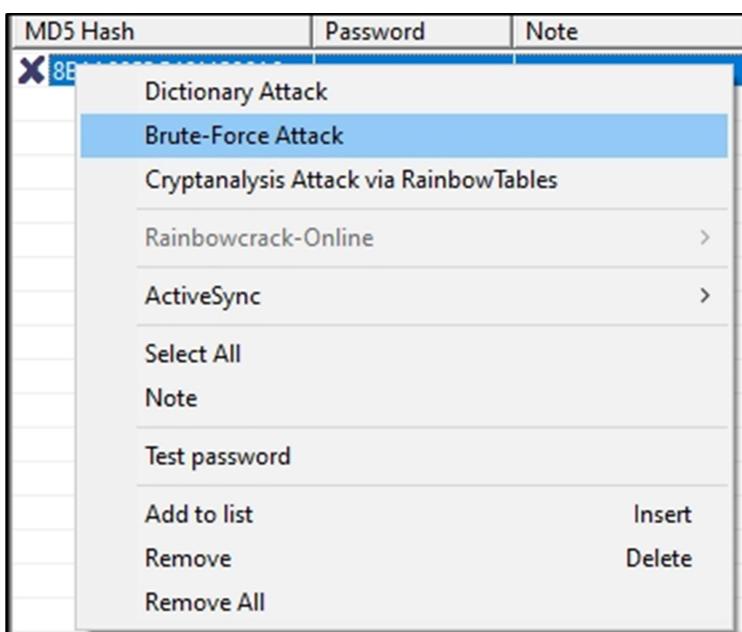
Step 1 :- Enter the password to generate Hash value



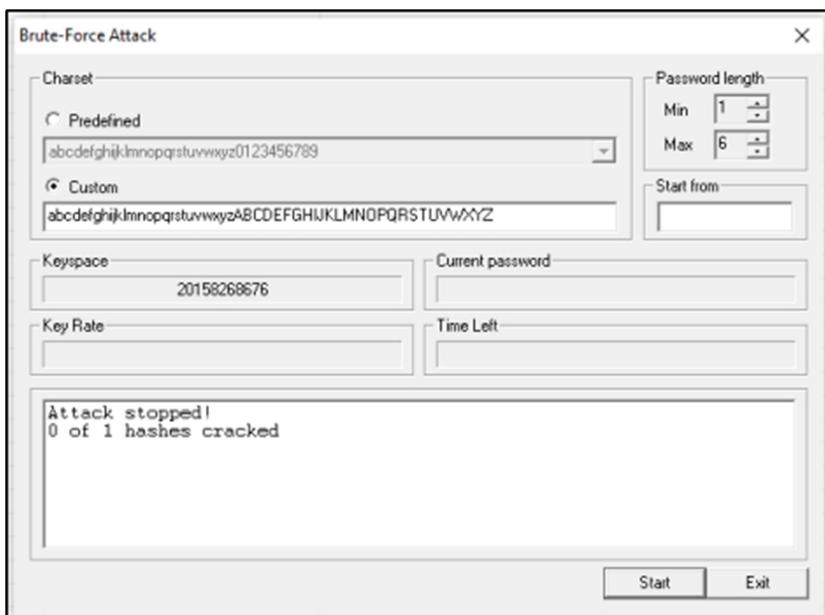
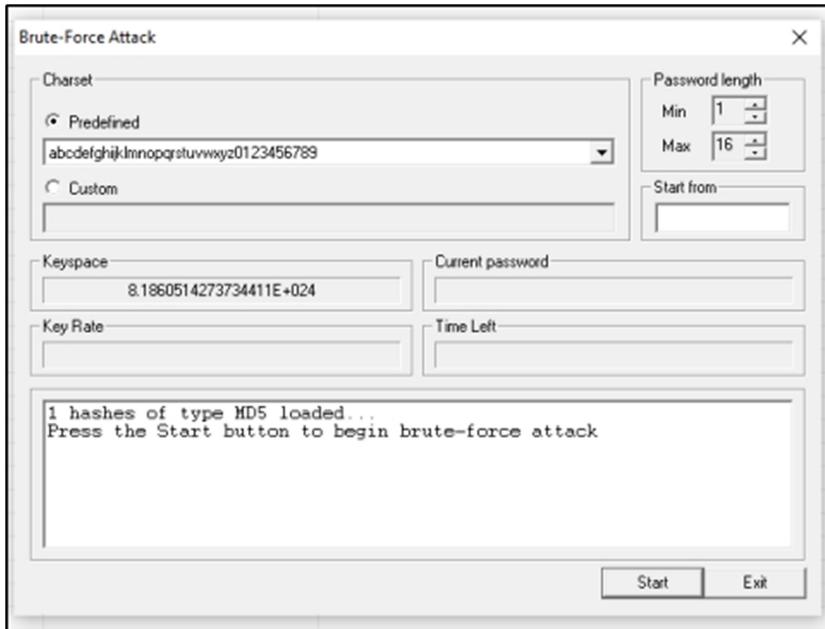
Step 2 :- Copy the Hash value and paste in MD5 Hash



Step 3 :- Right Click and select on “ Brute-Force Attack ”



Step 4 :- Select the Password Length and Click on Start



Step 5 :- Password is Successful cracked

