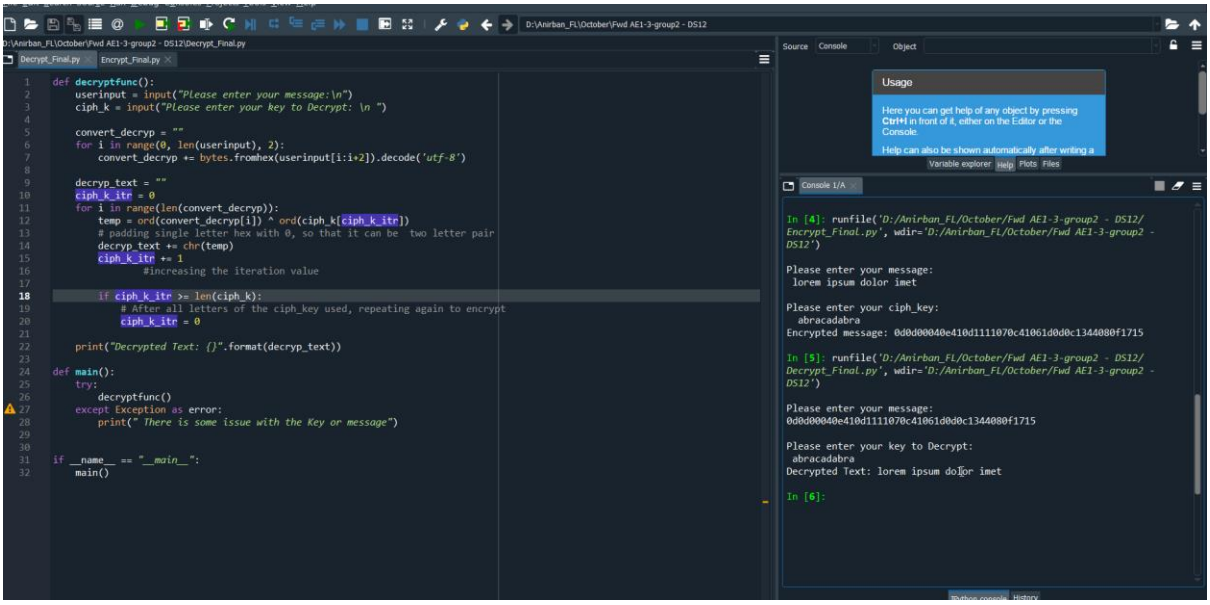
D:\Anirban_FL\October\Fwd AE1-3-group2 - DS12
D:\Anirban_FL\October\Fwd AE1-3-group2 - DS12\Decrypt_Final.py
Decrypt_Final.py
Encrypt_Final.py
def decryptfunc():
userinput = input("Please enter your message:\n")
ciph_k = input("Please enter your key to Decrypt: \n ")
convert_decryp = ""
for i in range(0, len(userinput), 2):
convert_decryp += bytes.fromhex(userinput[i:i+2]).decode('utf-8')
decryp_text = ""
ciph_k_itr = 0
for i in range(len(convert_decryp)):
temp = ord(convert_decryp[i]) ^ ord(ciph_k[ciph_k_itr])
# padding single letter hex with 0, so that it can be two letter pair
decryp_text += chr(temp)
ciph_k_itr += 1
#increasing the iteration value
if ciph_k_itr >= len(ciph_k):
# After all letters of the ciph_key used, repeating again to encrypt
ciph_k_itr = 0
print("Decrypted Text: {}".format(decryp_text))
def main():
try:
decryptfunc()
except Exception as error:
print(" There is some issue with the Key or message")
if __name__ == "__main__":
main()
Source
Console
Object
Usage
Here you can get help of any object by pressing Ctrl+I in front of it, either on the Editor or the Console
Help can also be shown automatically after writing a
Variable explorer
Help
Plots
Files
Console 1/A
In [4]: runfile('D:/Anirban_FL/October/Fwd AE1-3-group2 - DS12/Encrypt_Final.py', wdir='D:/Anirban_FL/October/Fwd AE1-3-group2 - DS12')
Please enter your message:
lorem ipsum dolor imet
Please enter your ciph_key:
abracadabra
Encrypted message: 0d0d00040e410d1111070c41061d0d0c1344080f1715
In [5]: runfile('D:/Anirban_FL/October/Fwd AE1-3-group2 - DS12/Decrypt_Final.py', wdir='D:/Anirban_FL/October/Fwd AE1-3-group2 - DS12')
Please enter your message:
0d0d00040e410d1111070c41061d0d0c1344080f1715
Please enter your key to Decrypt:
abracadabra
Decrypted Text: lorem ipsum dolor imet
In [6]:
Python console
History