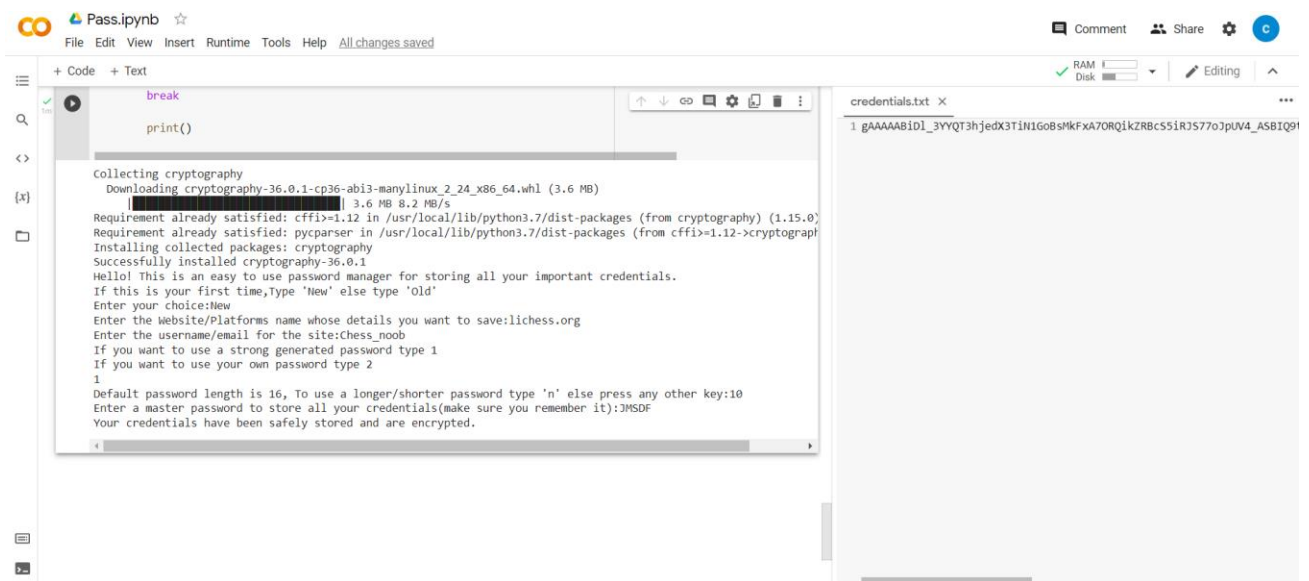


## Output for running program for a new user:



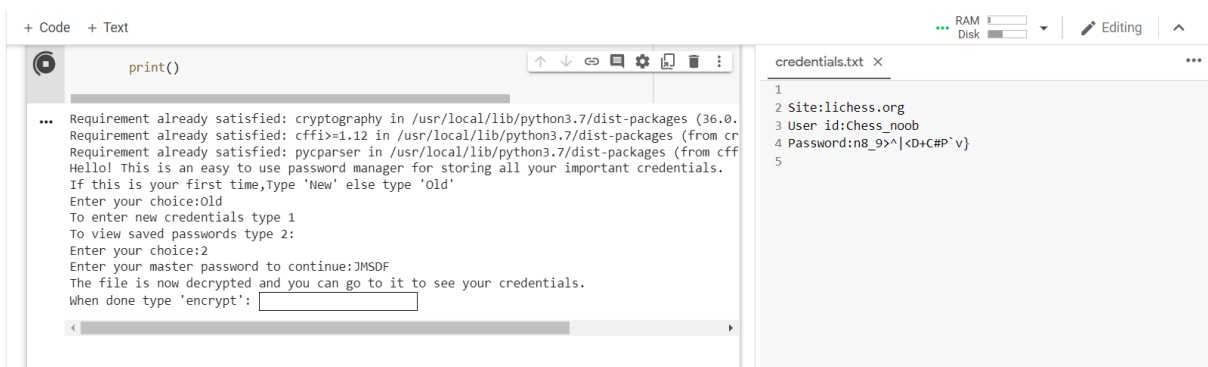
```
break
print()

collecting cryptography
Downloading cryptography-36.0.1-cp36-abi3-manylinux_2_24_x86_64.whl (3.6 MB)
3.6 MB 8.2 MB/s
Requirement already satisfied: cffi>=1.12 in /usr/local/lib/python3.7/dist-packages (from cryptography) (1.15.0)
Requirement already satisfied: pycparser in /usr/local/lib/python3.7/dist-packages (from cffi>=1.12->cryptography) (2.21)
Installing collected packages: cryptography
Successfully installed cryptography-36.0.1
Hello! This is an easy to use password manager for storing all your important credentials.
If this is your first time,Type 'New' else type 'Old'
Enter your choice:New
Enter the website/Platforms name whose details you want to save:lichess.org
Enter the username/email for the site:Chess_noob
If you want to use a strong generated password type 1
If you want to use your own password type 2
1
Default password length is 16, To use a longer/shorter password type 'n' else press any other key:10
Enter a master password to store all your credentials(make sure you remember it):JMSDF
Your credentials have been safely stored and are encrypted.
```

## Output Screen:

```
Collecting cryptography
  Downloading cryptography-36.0.1-cp36-abi3-manylinux_2_24_x86_64.whl (3.6 MB)
    3.6 MB 8.2 MB/s
Requirement already satisfied: cffi>=1.12 in /usr/local/lib/python3.7/dist-packages (from cryptography) (1.15.0)
Requirement already satisfied: pycparser in /usr/local/lib/python3.7/dist-packages (from cffi>=1.12->cryptography) (2.21)
Installing collected packages: cryptography
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Enter the username/email for the site:Chess_noob
If you want to use a strong generated password type 1
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1
Default password length is 16, To use a longer/shorter password type 'n' else press any other key:10
Enter a master password to store all your credentials(make sure you remember it):JMSDF
Your credentials have been safely stored and are encrypted.
```


## Running the program for already existing user and seeing the decrypted details:



```
print()

... Requirement already satisfied: cryptography in /usr/local/lib/python3.7/dist-packages (36.0.1)
Requirement already satisfied: cffi>=1.12 in /usr/local/lib/python3.7/dist-packages (from cr
Requirement already satisfied: pycparser in /usr/local/lib/python3.7/dist-packages (from cff
Hello! This is an easy to use password manager for storing all your important credentials.
If this is your first time,Type 'New' else type 'Old'
Enter your choice:Old
To enter new credentials type 1
To view saved passwords type 2:
Enter your choice:2
Enter your master password to continue:JMSDF
The file is now decrypted and you can go to it to see your credentials.
When done type 'encrypt':
```

Credentials getting encrypted at the end:



The screenshot shows a code editor with a Python script on the left and a file named `credentials.txt` on the right. The Python script contains a function `inp.lower()` that checks if the input is 'encrypt'. If it is, it calls `encryptData(new_key, 3)` and then breaks the loop. The output of the script shows that the file is now decrypted and the credentials are encrypted.

```
+ Code + Text
```

```
1m 1 if inp.lower() == 'encrypt':  
    encryptData(new_key, 3)  
    break  
  
print()
```

Requirement already satisfied: cryptography in /usr/local/lib/python3.7/dist-packages (36.0.  
Requirement already satisfied: cffi>=1.12 in /usr/local/lib/python3.7/dist-packages (from cr  
Requirement already satisfied: pycparser in /usr/local/lib/python3.7/dist-packages (from cff  
Hello! This is an easy to use password manager for storing all your important credentials.  
If this is your first time,Type 'New' else type 'old'  
Enter your choice:Old  
To enter new credentials type 1  
To view saved passwords type 2:  
Enter your choice:2  
Enter your master password to continue:JMSDF  
The file is now decrypted and you can go to it to see your credentials.  
When done type 'encrypt': encrypt  
Encrypted

credentials.txt X

```
1 gAAAAABiDmGcZ7b9M3nPkL3aj-XFgRTSxx4RcFPDsaF8KcW_VX5D-pWE86
```