

Question: 1/ A website requires the users to input username and passwor...

1/ A website requires the users to input username and password to register. Write a program to check the validity of password input by users.

Following are the criteria for checking the password:

1. At least 1 letter between [a-z]
2. At least 1 number between [0-9]
1. At least 1 letter between [A-Z]
3. At least 1 character from [\$#@]
4. Minimum length of transaction password: 6
5. Maximum length of transaction password: 12

Your program should accept a sequence of comma separated passwords and will check them according to the above criteria. Passwords that match the criteria are to be printed, each separated by a comma.

python

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Expert Answer ①



Anonymous answered this
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The code is given below

```
import re as r
def val_pass(password):
    # declare a list to store results
    valid=[]
    # iterate through the give list and check condition using regular expressions
    for i in password:
        if len(i)<6 or len(i)>12:
            continue
        elif not r.search("[a-z]", i):
            print(i)
            continue
        elif not r.search("[0-9]", i):
            continue
        elif not r.search("[A-Z]", i):
            continue
        elif not r.search("[$#@]", i):
            continue
        else:
            #if condition satisfied,then append to the list
            valid.append(i)
    return valid
input_pass = 'AD134hf@1.a k1#2w3E@,2a345,1234'
result = input_pass.split(',')
#call function and print result
results = val_pass(result)
print("Password(s) matching criteria: ", ",".join(results))
```

```
1 import re as r
2 def val_pass(password):
3     # declare a list to store results
4     valid=[]
5     # iterate through the give list and check condition using regular expressions
6     for i in password:
7         if len(i)<6 or len(i)>12:
8             continue
9         elif not r.search("[a-z]", i):
10            print(i)
11            continue
12        elif not r.search("[0-9]", i):
13            continue
14        elif not r.search("[A-Z]", i):
15            continue
16        elif not r.search("[$#@]", i):
17            continue
18        else:
19            #if condition satisfied,then append to the list
20            valid.append(i)
21    return valid
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27
28
29
30
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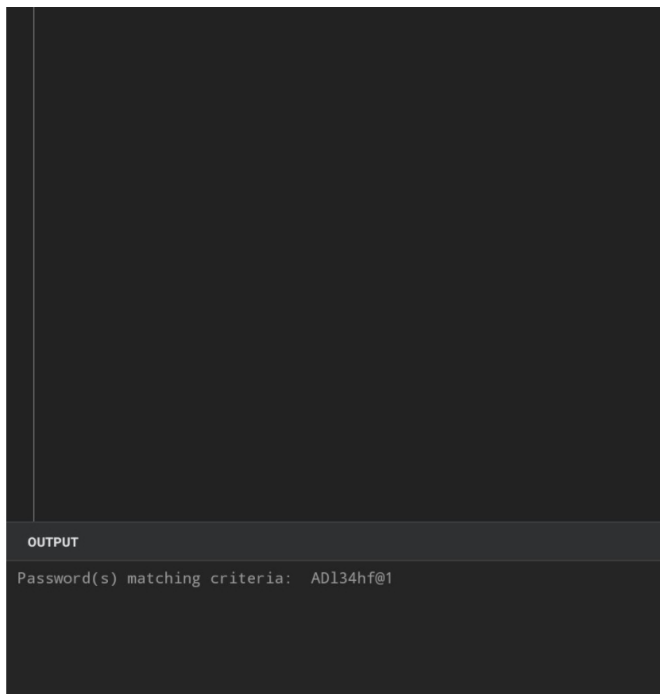


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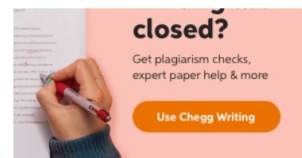
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