

```
1 class UserLogin:
2     def __init__(self):
3         self.file_name = "user_info"
4         self.user_info = dict(
5             [(line.strip().split(",")[0].lower(), line.strip().split(",")[1]) for line in open(self.file_name, "rb")
6              if line])
7
8     def login(self):
9         for i in range(3):
10             user_name = raw_input('username:')
11             pwd = raw_input('passwd:')
12             cpwd = raw_input('cpasswd:')
13
14             if not user_name or not pwd or not cpwd:
15                 print "账号、密码和确认密码都不能为空!"
16                 continue
17
18             if str(user_name).lower() in self.user_info:
19                 print "用户名已存在! "
20                 continue
21
22             if pwd != cpwd:
23                 print "两次密码输入不一致! "
24                 continue
25
26             if not (len(user_name) > 6 and len(user_name) < 12) or not (len(pwd) > 6 and len(pwd) < 12):
27                 print "账号和密码长度要大于等于6, 小于等于12"
28                 continue
29
30             self.user_info[user_name] = pwd
31             break
32
33         self.save()
34
35     def save(self):
36         fw = open(self.file_name, "wb")
37
38         for user_name, pwd in self.user_info.items():
39             fw.write("{user_name},{pwd}\n".format(user_name=user_name.lower(), pwd=pwd))
40
41         fw.close()
```

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37

38 `userLogin = UserLogin()`

39 `userLogin.login()`