

```
1  from os.path import exists
2  from files import read_csv, read_file, write_csv, write_file
3
4  # User CRUD base functions
5  def create_user_file():
6      open('users_profile.csv', 'w').write('xxx')
7
8  def add_user():
9      users=users_display()
10     users.append([name, email]);
11     write_csv('users_profile.csv', users)
12     return users
13
14 def delete_user():
15     pass
16
17 ##def add_user_email():
18 ##     pass
19
20 def user_email():
21     for u in users_display():
22         if u[0][0] == name:
23             return u[0][1]
24
25 def change_user_email():
26     pass
27
28 def change_user_name():
29     pass
30
31 def users_display():
32     return read_csv('users_profile.csv')
33
34 # User Post CRUD base functions
35 def create_user_post_file():
36     open('user_post.csv', 'w').write('xxx')
37
38 def add_post():
39     post= print_post_list()
40     post.append([user_id, title, content])
41     write_csv('user_post.csv', post)
42     return post
43
44 def delete_post():
45     pass
46
47 def edit_post():
48     pass
49
50 def print_post_list():
51     return read_csv('user_post.csv')
52
```

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53 def find_user_post(user_id):
54     n=0
55     for p in print_post_list():
56         if p[n][0]==user_id:
57             return p[n][1]
58         else:
59             n+=1
60
61
62 def read_user_record():
63     pass
64
65 # Second, test functions
66 def test_user_file_exists():
67     pass
68
69 # User Test
70 def test_user_name():
71     pass
72
73 def test_user_email():
74     pass
75
76 def test_delete_user():
77     pass
78
79 def test_change_email():
80     pass
81
82 def test_Bill():
83     pass
84
85 def test_add_user_list():
86     pass
87
88 def test_read_user_record():
89     pass
90
91 # User Post Test
92 def test_print_article_list(): #display all
93     pass
94
95 def test_all_user_posts(): #display all by one user
96     pass
97
98 def test_userfour_kittens(): #search by title and user
99     pass
100
101 def test_edit_post(): #user id --> title --> change post content
102     pass
103
104 def test_post_clear_check(): #evaluate if user's posts are gone when
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105     he is deleted
106     pass
107 # Main Tests
108 def test_user_crud():
109     pass
110
111 def test_user_post_crud():
112     pass
113
114 # Run test
115 if __name__ == '__main__':
116     test_user_crud()
117     #test_article_crud()
118
```