

Unit 1.5: Graded Assignment 5

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Assignment:

Refactor following code:

```
from typing import List
import pandas as pd
class User:
    sub: bool
    def notify(user: User) -> None:
pass
def notify_users(x: List[User]) -> None:
    #Filter users with subscription and notify them.
    for u in x:
        if u.sub:
            # u.notify()
            notify(u)
```

Solution:

```
home > muhammadrqim > Documents > python > First.py > ...
1  from typing import List
2
3  class User:
4      |
5      |     sub: bool
6
7  def notify(user: User) -> None:
8      |
9      |     pass
10
11 def get_subscribed_users(users: List[User]) -> List[User]:
12     |     #Filter users with subscription
13
14     |     return [user for user in users if users.sub]
15
16 def notify_subscribed_users(users: List[User]) -> None:
17     |
18     |     #notify to a given list of users.
19     |     for user in get_subscribed_users(users):
20     |         |
21     |         |     user.notify()
22
```