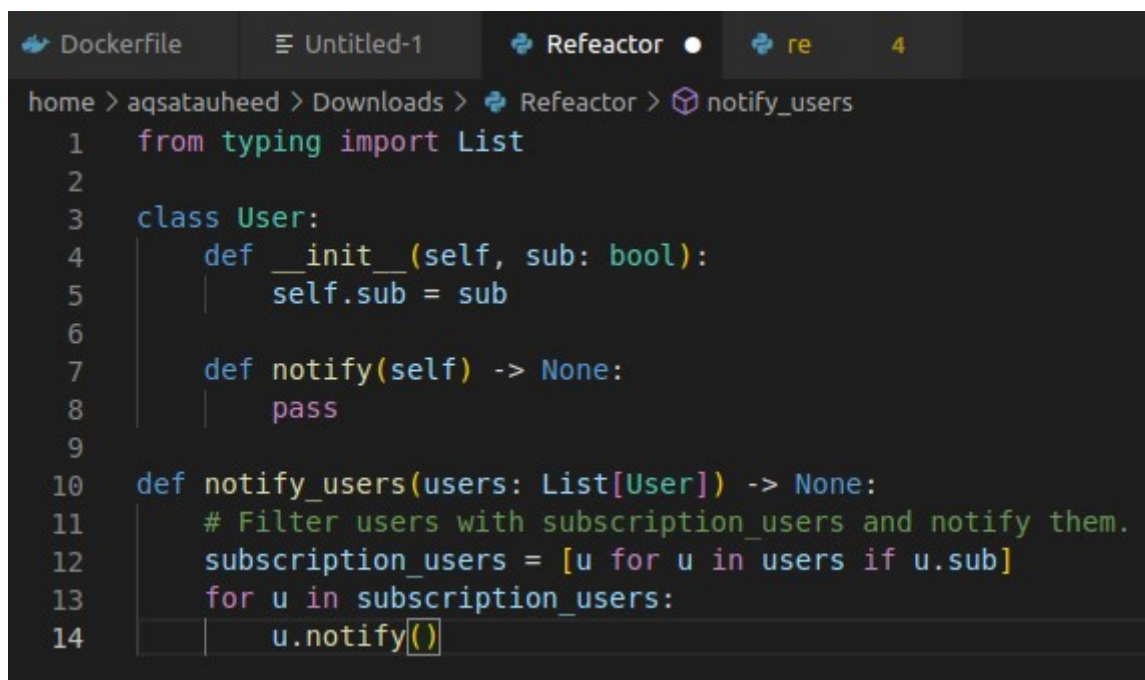


1.5 Graded Assignment

```
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)
```

Refactoring:

A screenshot of a code editor window with a dark theme. The editor shows a file named 'notify_users' with 14 lines of Python code. The code is refactored to use a list comprehension to filter users with subscriptions. The editor's interface includes a top bar with tabs for 'Dockerfile', 'Untitled-1', 'Refeactor', and 're'. The breadcrumb path at the top reads 'home > aqsatauheed > Downloads > Refeactor > notify_users'.

```
home > aqsatauheed > Downloads > Refeactor > notify_users
1  from typing import List
2
3  class User:
4      def __init__(self, sub: bool):
5          self.sub = sub
6
7      def notify(self) -> None:
8          pass
9
10 def notify_users(users: List[User]) -> None:
11     # Filter users with subscription_users and notify them.
12     subscription_users = [u for u in users if u.sub]
13     for u in subscription_users:
14         u.notify()
```

we need to remove pandas library because there is no used it according to YAGNI rules and according to the naming convention we also change the naming variable it filter the users list with subscription and update in the for loop to notify them.