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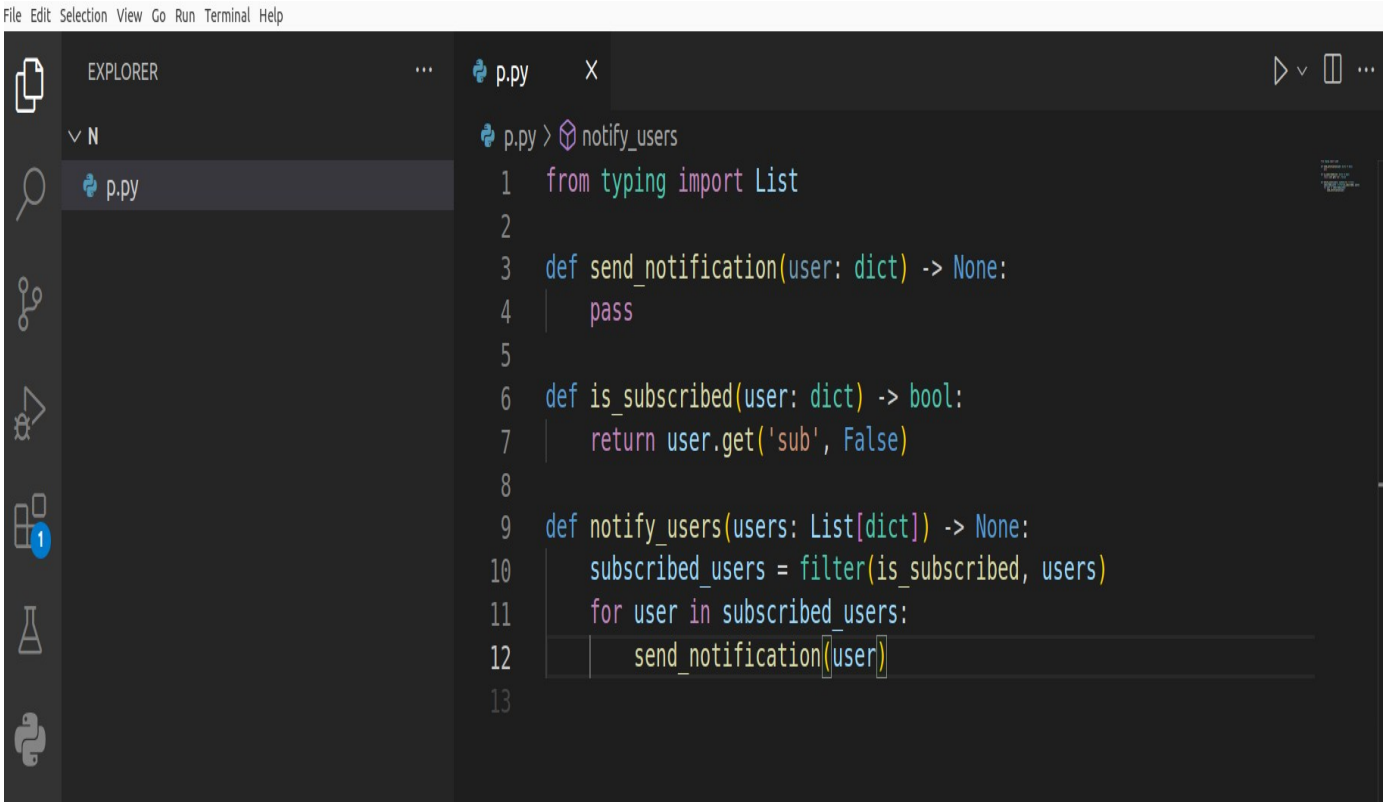
ASSIGNMENT_DAY-5

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:

Here is the refactored code :



1.Removed import pandas as pd as it was unneccessary.

2. Removed user class since it is no longer necessary

3. Removed the notify() function and created a new send_notification() function that takes a dictionary as a parameter and returns None. This function will be responsible for sending the notification to the user.

4. Created a new function called is_subscribed() that takes a dictionary as a parameter and returns a boolean value. This function will be used to filter the list of users to only include those who have subscribed.

5. Modify the notify_users() function to take a list of dictionaries as a parameter instead of a list of User objects.

6. Use the filter() function to filter the list of users based on whether or not they are subscribed. The is_subscribed() function is passed as the filter function to evaluate each user.

7. Loop through the filtered list of subscribed users and call the send_notification() function for each user.