

peneliti_jurnal.py - PBO2 - Visual Studio Code

EXPLORER

- PBO2
 - pert1
 - pert2
 - latihan
 - praktek
 - tugas
 - pert3
 - latihan
 - praktek
 - Tugas
 - pert4
 - latihan
 - praktek
 - mahasiswa_kkm.py
 - peneliti_jurnal.py
 - penulis_buku.py
 - tugas
- OUTLINE
- TIMELINE

peneliti_jurnal.py

```
1 class Jurnal :
2     def __init__(self, title, date):
3         self.title = title
4         self.date = date
5
6 class Peneliti :
7     def __init__(self, nama, jurnal):
8         self.nama = nama
9         self.jurnal = jurnal
10
11     def daftar_jurnal(self):
12         print(f'\nPeneliti\t: {self.nama}\n')
13         for jurnal in self.jurnal:
14             print(f'Judul\t\t:', jurnal.title)
15             print(f'Published\t:', jurnal.date)
16
17 jurnal1 = Jurnal('Coronavirus disease 2019: Reviwes of current literature
18 jurnal2 = Jurnal('Historical epidemiology of hepatitis C virus (HCV) in
19 peneliti1 = Peneliti('Evy Yuniastuti', [jurnal1, jurnal2])
20 jurnal3 = Jurnal('Reverse osmosis applications: Prospect and challenges'
21 jurnal4 = Jurnal('Electro-membrane processes for organic acid recovery',
22 peneliti2 = Peneliti('Prof. I Gede Wenten', [jurnal3, jurnal4])
23 peneliti1.daftar_jurnal()
24 print('='*40)
25 peneliti2.daftar_jurnal()
```

PROBLEMS OUTPUT TERMINAL

PS E:\PBO2> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe e:/PBO2/pert4/praktek/peneliti_jurnal.py

Peneliti : Evy Yuniastuti

Judul : Coronavirus disease 2019:
Reviwes of current literatures
Published : 2020
Judul : Historical epidemiology of
hepatitis C virus (HCV) in select countries
-volume3
Published : 2015
=====

Peneliti : Prof. I Gede Wenten

Judul : Reverse osmosis applicatio
ns: Prospect and challenges
Published : 2016
Judul : Electro-membrane processes
for organic acid recovery
Published : 2019
PS E:\PBO2>

Activate Windows
Go to Settings to activate Windows.

Ln 10, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit

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31°C Berawan 15.26 04/04/2023

File Edit Selection View Go Run Terminal Help mahasiswa_kkm.py - PBO2 - Visual Studio Code

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- PBO2
 - pert1
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 - praktek
 - tugas
 - pert3
 - latihan
 - praktek
 - Tugas
 - pert4
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 - praktek
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- TIMELINE

peneliti_jurnal.py mahasiswa_kkm.py x penulis_buku.py

pert4 > praktek > mahasiswa_kkm.py > ...

```
1 class mahasiswa_kkm:
2     def __init__(self,mahasiswa=None):
3         if mahasiswa is None:
4             self.mahasiswa = []
5         else:
6             self.mahasiswa = mahasiswa
7
8     def add_mahasiswa(self,mhs):
9         self.mahasiswa.append(mhs)
10
11    def daftar_mahasiswa(self):
12        for mhs in self.mahasiswa:
13            print(f>Nama\t\t: ',mhs.nama)
14            print(f'Jurusan\t\t: ',mhs.jurusan)
15            print(f'Semester\t: ',mhs.semester)
16
17    class Mhs:
18        def __init__(self,nama,jurusan,semester):
19            self.nama = nama
20            self.jurusan = jurusan
21            self.semester = semester
22
23        def get_nama(self):
24            return self.nama
25
26        def get_jurusan(self):
27            return self.jurusan
28
29        def get_semester(self):
30            return self.semester
31
32    class kkm:
33        def __init__(self,nama_kkm,mahasiswa_kkm):
```

PROBLEMS OUTPUT TERMINAL

PS E:\PB02> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe e:/PB02/pert4/praktek/mahasiswa_kkm.py

Tempat KKM : Seoul, South Korea

Nama : Dewi Kurnia
Jurusan : Teknik Informatika
Semester : 6
Nama : Hanafiya
Jurusan : Teknik Informatika
Semester : 6
Nama : Putri Robi
Jurusan : Teknik Informatika
Semester : 6
Nama : Lais Cakra
Jurusan : Teknik Informatika
Semester : 6
Nama : Aghisna Baihaqi
Jurusan : Teknik Informatika
Semester : 6
PS E:\PB02>

Activate Windows
Go to Settings to activate Windows.

Ln 48, Col 13 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit

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Visual Studio Code interface showing a Python project named "PBO2" with files "mahasiswa_kkm.py", "peneliti_jurnal.py", and "penulis_buku.py". The "penulis_buku.py" file is open, displaying a Python class structure for a library system.

```
1 class Penulis:
2     def __init__(self, nama):
3         self.nama = nama
4         self.inventory = Inventory()
5
6     def tampil(self):
7         print(f'\nPenulis\t\t\t: {self.nama}\n')
8
9 class Buku:
10    def __init__(self, judul, publish, penerbit):
11        self.judul = judul
12        self.publish = publish
13        self.penerbit = penerbit
14
15    def get_judul(self):
16        return self.judul
17
18    def get_publish(self):
19        return self.publish
20
21    def get_penerbit(self):
22        return self.penerbit
23
24 class Inventory:
25    def __init__(self):
26        self.books = []
27
28    def add_buku(self, buku):
29        self.books.append(buku)
30
31    def daftar_buku(self):
32        for buku in self.books:
33            print(f'Judul\t\t\t: {buku.judul}\n')
```

The terminal output shows the execution of the program, displaying the details of the books in the inventory:

```
PS E:\PBO2> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe e:/PBO2/pert4/praktek/penulis_buku.py
Penulis      : Habiburrahman El Shirazy
Judul        : Ayat-Ayat Cinta
Terbit       : 2003
Penerbitt    : Republika Pesantren Basmal a Indonesia
Judul        : Ketika Cinta Bertasbih
Terbit       : 2007
Penerbitt    : Republika Basmalah
Judul        : Ketika Cinta Berbuah Surga
Terbit       : 2008
Penerbitt    : MQS Publishing
PS E:\PBO2>
```

The status bar at the bottom indicates the current position (Ln 44, Col 25), encoding (UTF-8), line ending (CRLF), and Python version (3.10.8 64-bit).