

Nama: Rifki Fadilah

Kelas: R1

NIM: 210511011

PBO2 Tugas 4

Perusahaan dan Karyawan MB textile composition

Script:

```
'''
Nama      : Rifki Fadilah
Kelas    : R1
NIM       : 210511011
'''

class Perusahaan:
    def __init__(self, name):
        self.name = name
        self.karyawan = Karyawan()
        print("PT. MB textile")

class Data:
    def __init__(self, name, sience, placed):
        self.name = name
        self.sience = sience
        self.placed = placed

class Karyawan:
    def __init__(self):
        self.items = []

    def add_item(self, item):
        self.items.append(item)
        print("Nama: ", item.name, ", Sejak", item.sience, "penempatan",
item.placed)

    def remove_item(self, item):
        self.items.remove(item)

perusahaan = Perusahaan(" ")
```

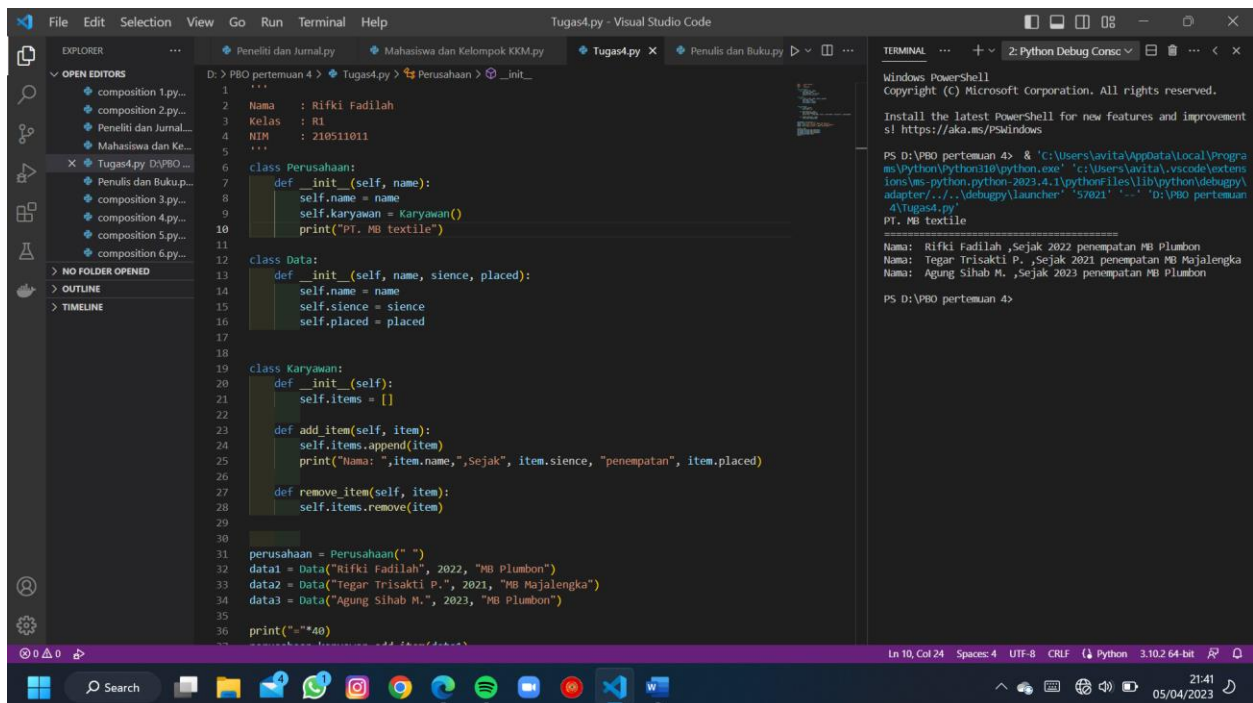
```

data1 = Data("Rifki Fadilah", 2022, "MB Plumbon")
data2 = Data("Tegar Trisakti P.", 2021, "MB Majalengka")
data3 = Data("Agung Sihab M.", 2023, "MB Plumbon")

print("="*40)
perusahaan.karyawan.add_item(data1)
perusahaan.karyawan.add_item(data2)
perusahaan.karyawan.add_item(data3)
perusahaan.karyawan.items
print(" ")

```

Hasil Running Program



The screenshot shows the Visual Studio Code interface with a Python file named 'Tugas4.py' open. The code defines a 'Perusahaan' class with a 'karyawan' attribute, a 'Data' class, and a 'Karyawan' class. The 'Perusahaan' class has an 'add_item' method that appends data to the 'karyawan' list and prints the list. The 'Data' class has attributes 'name', 'sience', and 'placed'. The 'Karyawan' class has an 'items' attribute and methods 'add_item' and 'remove_item'. The main code creates a 'Perusahaan' object, adds three data items, and prints the result.

```

1  """
2  Nama      : Rifki Fadilah
3  Kelas     : RI
4  NIM       : 210511011
5  """
6  class Perusahaan:
7      def __init__(self, name):
8          self.name = name
9          self.karyawan = Karyawan()
10         print("PT. MB textile")
11
12     class Data:
13         def __init__(self, name, sience, placed):
14             self.name = name
15             self.sience = sience
16             self.placed = placed
17
18     class Karyawan:
19         def __init__(self):
20             self.items = []
21
22         def add_item(self, item):
23             self.items.append(item)
24             print("Nama: ", item.name, ", Sejak", item.sience, "penempatan", item.placed)
25
26         def remove_item(self, item):
27             self.items.remove(item)
28
29     perusahaan = Perusahaan(" ")
30
31     data1 = Data("Rifki Fadilah", 2022, "MB Plumbon")
32     data2 = Data("Tegar Trisakti P.", 2021, "MB Majalengka")
33     data3 = Data("Agung Sihab M.", 2023, "MB Plumbon")
34
35     print("="*40)
36

```

The terminal output shows the execution of the program, displaying the company name, the list of employees, and the formatted output of the 'add_item' method.

```

Windows PowerShell
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Install the latest PowerShell for new features and improvements!
https://aka.ms/pswindows

PS D:\PBO pertemuan 4> & 'C:\Users\avita\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\avita\.vscode\extensions\ms-python.python-2023.4.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '57021' '-x' 'D:\PBO pertemuan 4\Tugas4.py'
PT. MB textile
=====
Nama: Rifki Fadilah ,Sejak 2022 penempatan MB Plumbon
Nama: Tegar Trisakti P. ,Sejak 2021 penempatan MB Majalengka
Nama: Agung Sihab M. ,Sejak 2023 penempatan MB Plumbon
PS D:\PBO pertemuan 4>

```