Nama : Rifki Fadilah

Kelas : R1

NIM : 210511011

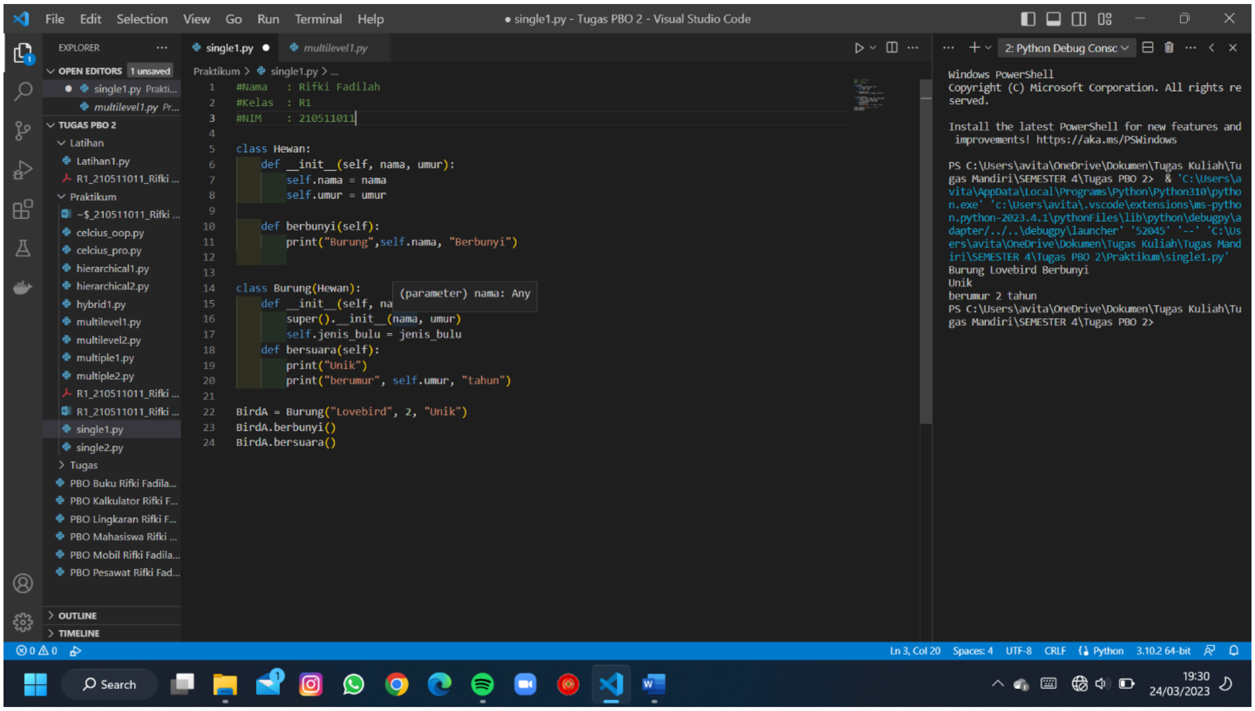
Praktikum2 PBO2

Single1

Script:

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

class Hewan:
    def __init__(self, nama, umur):
        self.nama = nama
        self.umur = umur

    def berbunyi(self):
        print("Burung",self.nama, "Berbunyi")


class Burung(Hewan):
    def __init__(self, nama, umur, jenis_bulu):
        super().__init__(nama, umur)
        self.jenis_bulu = jenis_bulu
    def bersuara(self):
        print("Unik")
        print("berumur", self.umur, "tahun")

BirdA = Burung("Lovebird", 2, "Unik")
BirdA.berbunyi()
BirdA.bersuara()
```

Hasil Running Program:


● single1.py - Tugas PBO 2 - Visual Studio Code
Praktikum > single1.py > ...
(parameter) nama: Any
2: Python Debug Consc
Ln 3, Col 20 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit
19:30
24/03/2023

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

class Hewan:
    def __init__(self, nama, umur):
        self.nama = nama
        self.umur = umur

    def berbunyi(self):
        print("Burung",self.nama, "Berbunyi")


class Burung(Hewan):
    def __init__(self, na
        super().__init__(nama, umur)
        self.jenis_bulu = jenis_bulu
    def bersuara(self):
        print("Unik")
        print("berumur", self.umur, "tahun")

BirdA = Burung("Lovebird", 2, "Unik")
BirdA.berbunyi()
BirdA.bersuara()
```

```
Windows PowerShell
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 improvements! https://aka.ms/PSWindows

PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2>  & 'C:\Users\a
vita\AppData\Local\Programs\Python\Python310\pytho
n.exe' 'c:\Users\avita\.vscode\extensions\ms-pytho
n.python-2023.4.1\pythonFiles\lib\python\debugpy\a
dapter/../..\debugpy\launcher' '52045' '--' 'C:\Us
ers\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mand
iri\SEMESTER 4\Tugas PBO 2\Praktikum\single1.py'
Burung Lovebird Berbunyi
Unik
berumur 2 tahun
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2>
```

Single2

Script:

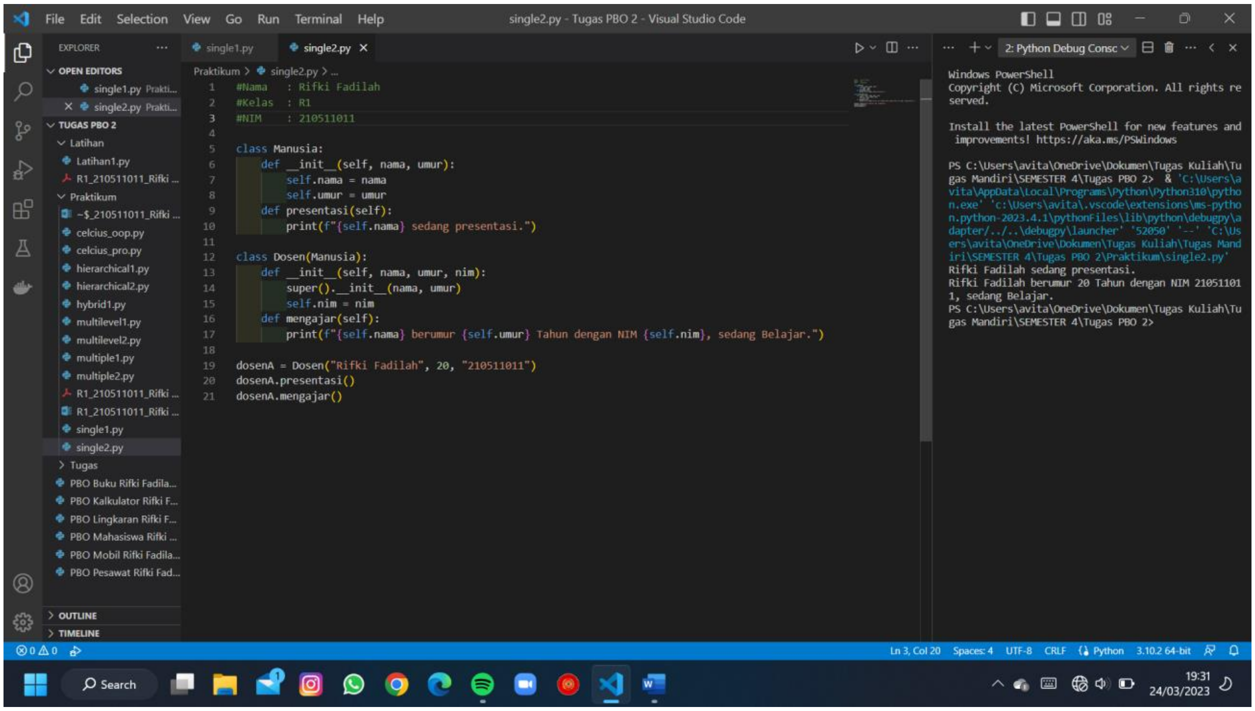
```
#Nama   : Rifki Fadilah
#Kelas  : R1
#NIM    : 210511011

class Manusia:
    def __init__(self, nama, umur):
        self.nama = nama
        self.umur = umur
    def presentasi(self):
        print(f"{self.nama} sedang presentasi.")

class Dosen(Manusia):
    def __init__(self, nama, umur, nim):
        super().__init__(nama, umur)
        self.nim = nim
    def mengajar(self):
        print(f"{self.nama} berumur {self.umur} Tahun dengan NIM {self.nim}, sedang Belajar.")

dosenA = Dosen("Rifki Fadilah", 20, "210511011")
dosenA.presentasi()
dosenA.mengajar()
```

Hasil Running Program:



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

class Manusia:
    def __init__(self, nama, umur):
        self.nama = nama
        self.umur = umur
    def presentasi(self):
        print(f"{self.nama} sedang presentasi.")

class Dosen(Manusia):
    def __init__(self, nama, umur, nim):
        super().__init__(nama, umur)
        self.nim = nim
    def mengajar(self):
        print(f"{self.nama} berumur {self.umur} Tahun dengan NIM {self.nim}, sedang Belajar.")

dosenA = Dosen("Rifki Fadilah", 20, "210511011")
dosenA.presentasi()
dosenA.mengajar()
```

```
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PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2>  & 'C:\Users\a
vita\AppData\Local\Programs\Python\Python310\pytho
n.exe' 'c:\Users\avita\.vscode\extensions\ms-pytho
n.python-2023.4.1\pythonFiles\lib\python\debugpy\a
dapter/../..\debugpy\launcher' '52050' '--' 'C:\Us
ers\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mand
iri\SEMESTER 4\Tugas PBO 2\Praktikum\single2.py'
Rifki Fadilah sedang presentasi.
Rifki Fadilah berumur 20 Tahun dengan NIM 21051101
1, sedang Belajar.
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2>
```
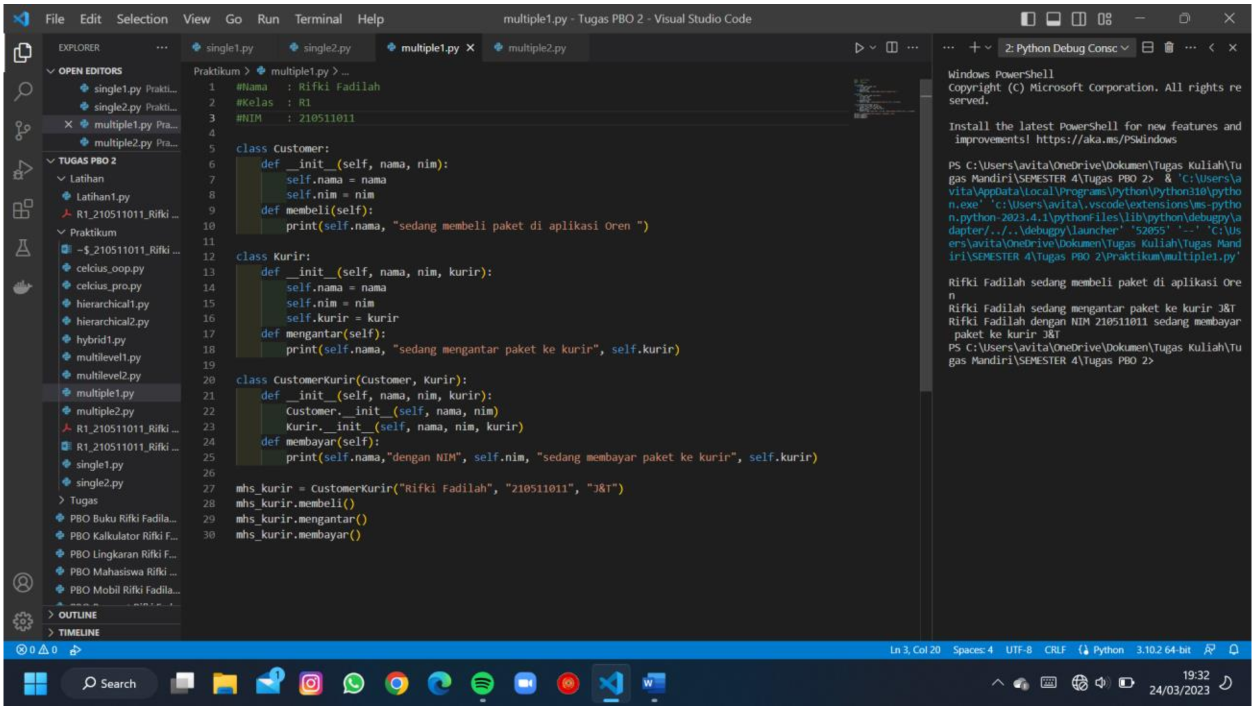

Multiple1

Script:

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

class Customer:
    def __init__(self, nama, nim):
        self.nama = nama
        self.nim = nim
    def membeli(self):
        print(self.nama, "sedang membeli paket di aplikasi Oren ")

class Kurir:
    def __init__(self, nama, nim, kurir):
        self.nama = nama
        self.nim = nim
        self.kurir = kurir
    def mengantar(self):
        print(self.nama, "sedang mengantar paket ke kurir", self.kurir)

class CustomerKurir(Customer, Kurir):
    def __init__(self, nama, nim, kurir):
        Customer.__init__(self, nama, nim)
        Kurir.__init__(self, nama, nim, kurir)
    def membayar(self):
        print(self.nama,"dengan NIM", self.nim, "sedang membayar paket ke kurir", 
self.kurir)

mhs_kurir = CustomerKurir("Rifki Fadilah", "210511011", "J&T")
mhs_kurir.membeli()
mhs_kurir.mengantar()
mhs_kurir.membayar()
```

Hasil Running Program:



File Edit Selection View Go Run Terminal Help
multiple1.py - Tugas PBO 2 - Visual Studio Code
EXPLORER
OPEN EDITORS
single1.py
single2.py
multiple1.py
multiple2.py
TUGAS PBO 2
Latihan
Praktikum
Tugas
OUTLINE
TIMELINE
Praktikum > multiple1.py > ...
2: Python Debug Consc
Ln 3, Col 20 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit
Search
19:32
24/03/2023

```python
#Nama   : Rifki Fadilah
#Kelas  : R1
#NIM    : 210511011

class Customer:
    def __init__(self, nama, nim):
        self.nama = nama
        self.nim = nim
    def membeli(self):
        print(self.nama, "sedang membeli paket di aplikasi Oren ")

class Kurir:
    def __init__(self, nama, nim, kurir):
        self.nama = nama
        self.nim = nim
        self.kurir = kurir
    def mengantar(self):
        print(self.nama, "sedang mengantar paket ke kurir", self.kurir)

class CustomerKurir(Customer, Kurir):
    def __init__(self, nama, nim, kurir):
        Customer.__init__(self, nama, nim)
        Kurir.__init__(self, nama, nim, kurir)
    def membayar(self):
        print(self.nama,"dengan NIM", self.nim, "sedang membayar paket ke kurir", self.kurir)

mhs_kurir = CustomerKurir("Rifki Fadilah", "210511011", "J&T")
mhs_kurir.membeli()
mhs_kurir.mengantar()
mhs_kurir.membayar()
```

```
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PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2>  & 'C:\Users\a
vita\AppData\Local\Programs\Python\Python310\pytho
n.exe' 'c:\Users\avita\.vscode\extensions\ms-pytho
n.python-2023.4.1\pythonFiles\lib\python\debugpy\a
dapter/../..\debugpy\launcher' '52055' '--' 'C:\Us
ers\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mand
iri\SEMESTER 4\Tugas PBO 2\Praktikum\multiple1.py'

Rifki Fadilah sedang membeli paket di aplikasi Ore
n
Rifki Fadilah sedang mengantar paket ke kurir J&T
Rifki Fadilah dengan NIM 210511011 sedang membayar
 paket ke kurir J&T
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2>
```
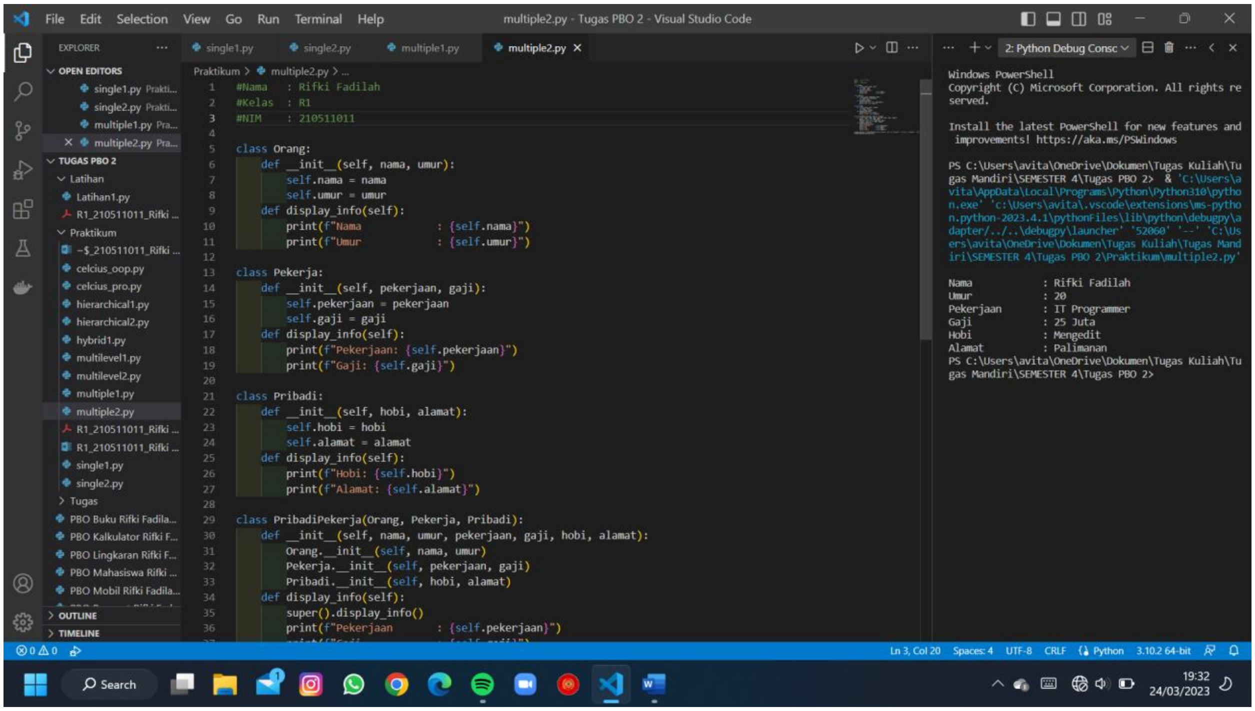

Multiple2

Script:

```python
#Nama    : Rifki Fadilah
#Kelas   : R1
#NIM     : 210511011

class Orang:
    def __init__(self, nama, umur):
        self.nama = nama
        self.umur = umur
    def display_info(self):
        print(f"Nama            : {self.nama}")
        print(f"Umur            : {self.umur}")

class Pekerja:
    def __init__(self, pekerjaan, gaji):
        self.pekerjaan = pekerjaan
        self.gaji = gaji
    def display_info(self):
        print(f"Pekerjaan: {self.pekerjaan}")
        print(f"Gaji: {self.gaji}")
```

```python
class Pribadi:
    def __init__(self, hobi, alamat):
        self.hobi = hobi
        self.alamat = alamat
    def display_info(self):
        print(f"Hobi: {self.hobi}")
        print(f"Alamat: {self.alamat}")

class PribadiPekerja(Orang, Pekerja, Pribadi):
    def __init__(self, nama, umur, pekerjaan, gaji, hobi, alamat):
        Orang.__init__(self, nama, umur)
        Pekerja.__init__(self, pekerjaan, gaji)
        Pribadi.__init__(self, hobi, alamat)
    def display_info(self):
        super().display_info()
        print(f"Pekerjaan           : {self.pekerjaan}")
        print(f"Gaji                : {self.gaji}")
        print(f"Hobi                : {self.hobi}")
        print(f"Alamat              : {self.alamat}")

pribadi_pekerjaC = PribadiPekerja("Rifki Fadilah", 20, "IT Programmer", "25
Juta", "Mengedit", "Palimanan")
pribadi_pekerjaC.display_info()
```

Hasil Running Program:



```python
#Nama    : Rifki Fadilah
#Kelas   : R1
#NIM     : 210511011

class Orang:
    def __init__(self, nama, umur):
        self.nama = nama
        self.umur = umur
    def display_info(self):
        print(f"Nama                : {self.nama}")
        print(f"Umur                : {self.umur}")

class Pekerja:
    def __init__(self, pekerjaan, gaji):
        self.pekerjaan = pekerjaan
        self.gaji = gaji
    def display_info(self):
        print(f"Pekerjaan: {self.pekerjaan}")
        print(f"Gaji: {self.gaji}")

class Pribadi:
    def __init__(self, hobi, alamat):
        self.hobi = hobi
        self.alamat = alamat
    def display_info(self):
        print(f"Hobi: {self.hobi}")
        print(f"Alamat: {self.alamat}")

class PribadiPekerja(Orang, Pekerja, Pribadi):
    def __init__(self, nama, umur, pekerjaan, gaji, hobi, alamat):
        Orang.__init__(self, nama, umur)
        Pekerja.__init__(self, pekerjaan, gaji)
        Pribadi.__init__(self, hobi, alamat)
    def display_info(self):
        super().display_info()
        print(f"Pekerjaan           : {self.pekerjaan}")
```

```
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PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2>  & 'C:\Users\a
vita\AppData\Local\Programs\Python\Python310\pytho
n.exe' 'c:\Users\avita\.vscode\extensions\ms-pytho
n.python-2023.4.1\pythonFiles\lib\python\debugpy\a
dapter/../..\debugpy\launcher' '52060' '--' 'C:\Us
ers\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mand
iri\SEMESTER 4\Tugas PBO 2\Praktikum\multiple2.py'

Nama                : Rifki Fadilah
Umur                : 20
Pekerjaan           : IT Programmer
Gaji                : 25 Juta
Hobi                : Mengedit
Alamat              : Palimanan
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2>
```
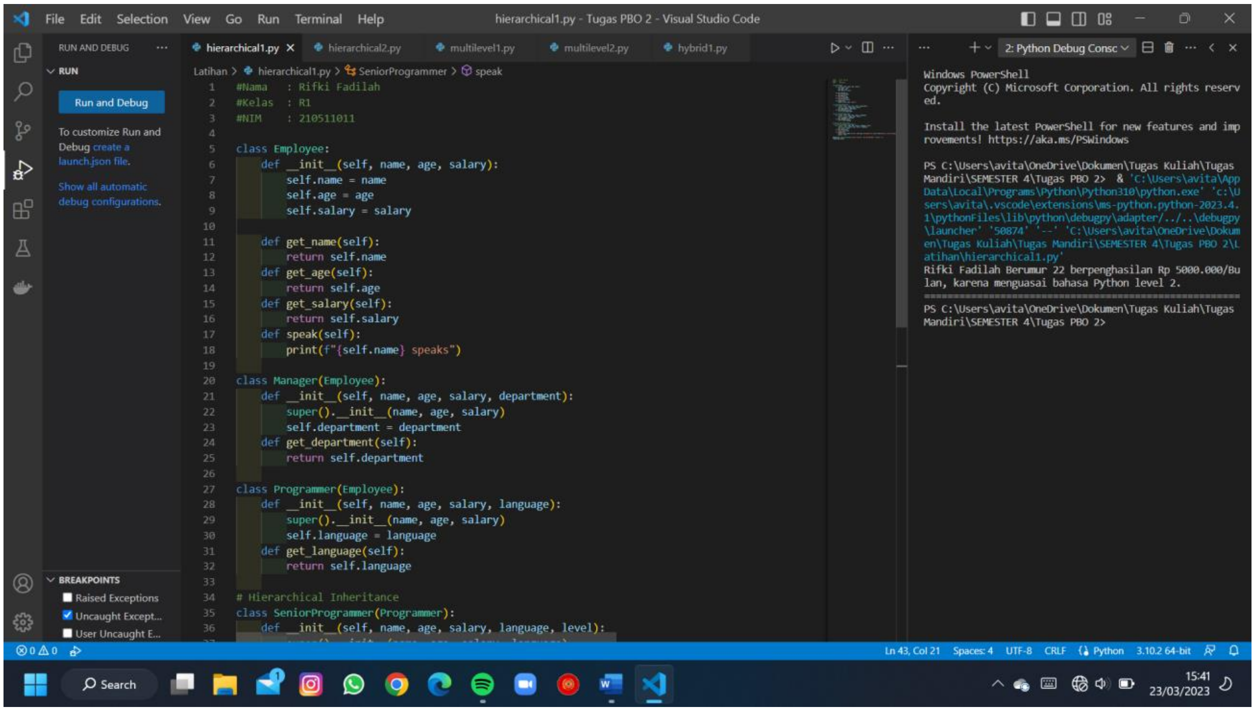

Hierarchical1

Script:

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

class Employee:
    def __init__(self, name, age, salary):
        self.name = name
        self.age = age
        self.salary = salary

    def get_name(self):
        return self.name
    def get_age(self):
        return self.age
    def get_salary(self):
        return self.salary
    def speak(self):
        print(f"{self.name} speaks")

class Manager(Employee):
    def __init__(self, name, age, salary, department):
        super().__init__(name, age, salary)
        self.department = department
    def get_department(self):
        return self.department

class Programmer(Employee):
    def __init__(self, name, age, salary, language):
        super().__init__(name, age, salary)
        self.language = language
    def get_language(self):
        return self.language

# Hierarchical Inheritance
class SeniorProgrammer(Programmer):
    def __init__(self, name, age, salary, language, level):
        super().__init__(name, age, salary, language)
        self.level = level
    def get_level(self):
        return self.level
    def speak(self):
        print(f"{self.name} Berumur {self.age} berpenghasilan 
{self.salary}/Bulan, karena menguasai bahasa {self.language} level 
{self.level}.")
        print("="*54)

Pengunjung = SeniorProgrammer("Rifki Fadilah", 22,"Rp 5000.000", "Python", 2)
Pengunjung.speak()
```

Hasil Running Program:



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

class Employee:
    def __init__(self, name, age, salary):
        self.name = name
        self.age = age
        self.salary = salary

    def get_name(self):
        return self.name
    def get_age(self):
        return self.age
    def get_salary(self):
        return self.salary
    def speak(self):
        print(f"{self.name} speaks")

class Manager(Employee):
    def __init__(self, name, age, salary, department):
        super().__init__(name, age, salary)
        self.department = department
    def get_department(self):
        return self.department

class Programmer(Employee):
    def __init__(self, name, age, salary, language):
        super().__init__(name, age, salary)
        self.language = language
    def get_language(self):
        return self.language

# Hierarchical Inheritance
class SeniorProgrammer(Programmer):
    def __init__(self, name, age, salary, language, level):
```

```
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PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas
Mandiri\SEMESTER 4\Tugas PBO 2>  & 'C:\Users\avita\App
Data\Local\Programs\Python\Python310\python.exe' 'c:\U
sers\avita\.vscode\extensions\ms-python.python-2023.4.
1\pythonFiles\lib\python\debugpy\adapter/../..\debugpy
\launcher' '50874' '--' 'C:\Users\avita\OneDrive\Dokum
en\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\L
atihan\hierarchical1.py'
Rifki Fadilah Berumur 22 berpenghasilan Rp 5000.000/Bu
lan, karena menguasai bahasa Python level 2.
======================================================
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas
Mandiri\SEMESTER 4\Tugas PBO 2>
```
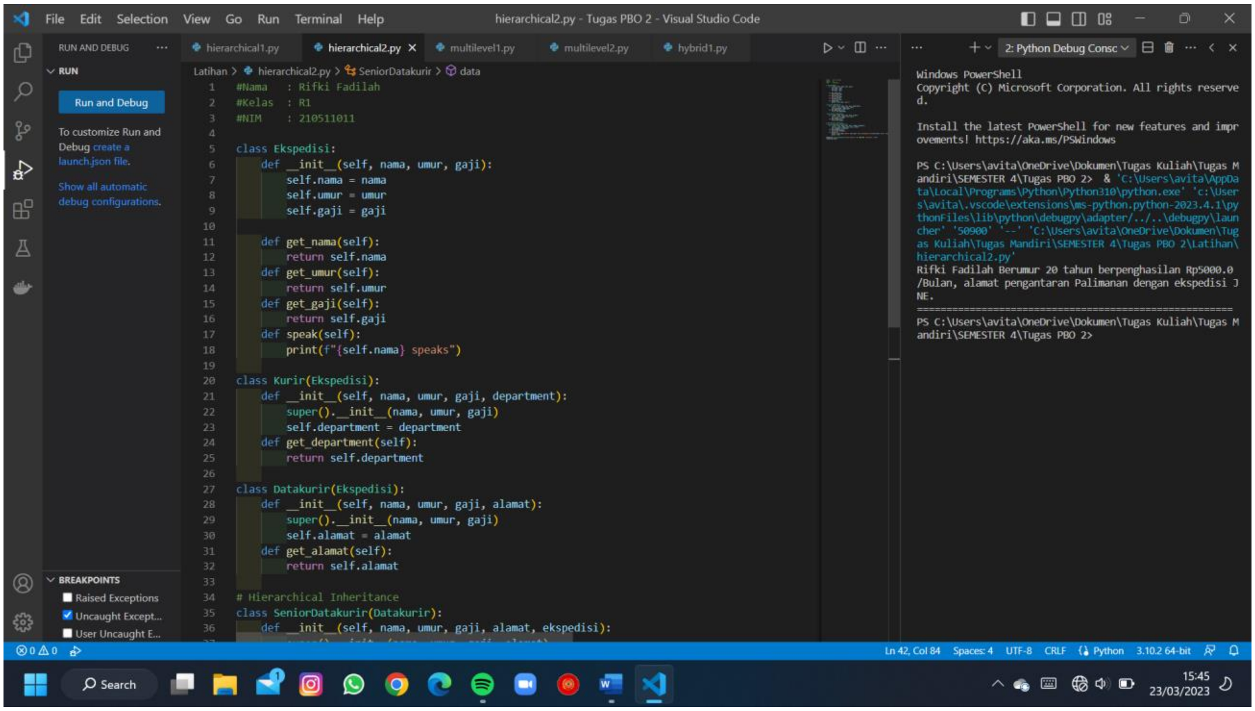

Hierarchical2

Script:

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

class Ekspedisi:
    def __init__(self, nama, umur, gaji):
        self.nama = nama
        self.umur = umur
        self.gaji = gaji

    def get_nama(self):
        return self.nama
    def get_umur(self):
        return self.umur
    def get_gaji(self):
        return self.gaji
    def speak(self):
        print(f"{self.nama} speaks")

class Kurir(Ekspedisi):
    def __init__(self, nama, umur, gaji, department):
        super().__init__(nama, umur, gaji)
        self.department = department
    def get_department(self):
        return self.department

class Datakurir(Ekspedisi):
    def __init__(self, nama, umur, gaji, alamat):
        super().__init__(nama, umur, gaji)
        self.alamat = alamat
    def get_alamat(self):
        return self.alamat

# Hierarchical Inheritance
class SeniorDatakurir(Datakurir):
    def __init__(self, nama, umur, gaji, alamat, ekspedisi):
        super().__init__(nama, umur, gaji, alamat)
        self.ekspedisi = ekspedisi
    def get_ekspedisi(self):
        return self.ekspedisi
    def data(self):
        print(f"{self.nama} Berumur {self.umur} tahun berpenghasilan
Rp{self.gaji} /Bulan, alamat pengantaran {self.alamat} dengan ekspedisi
{self.ekspedisi}.")
        print("="*54)

Pengunjung = SeniorDatakurir("Rifki Fadilah", 20, 5000.000, "Palimanan", "JNE")
Pengunjung.data()
```

Hasil Running Program:



File Edit Selection View Go Run Terminal Help
hierarchical2.py - Tugas PBO 2 - Visual Studio Code
RUN AND DEBUG
RUN
Run and Debug
To customize Run and Debug create a launch.json file.
Show all automatic debug configurations.
BREAKPOINTS
☐ Raised Exceptions
☑ Uncaught Except...
☐ User Uncaught E...
hierarchical1.py
hierarchical2.py
multilevel1.py
multilevel2.py
hybrid1.py
Latihan > hierarchical2.py > SeniorDatakurir > data
2: Python Debug Consc
Ln 42, Col 84 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit
Search
15:45
23/03/2023

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

class Ekspedisi:
    def __init__(self, nama, umur, gaji):
        self.nama = nama
        self.umur = umur
        self.gaji = gaji

    def get_nama(self):
        return self.nama
    def get_umur(self):
        return self.umur
    def get_gaji(self):
        return self.gaji
    def speak(self):
        print(f"{self.nama} speaks")

class Kurir(Ekspedisi):
    def __init__(self, nama, umur, gaji, department):
        super().__init__(nama, umur, gaji)
        self.department = department
    def get_department(self):
        return self.department

class Datakurir(Ekspedisi):
    def __init__(self, nama, umur, gaji, alamat):
        super().__init__(nama, umur, gaji)
        self.alamat = alamat
    def get_alamat(self):
        return self.alamat

# Hierarchical Inheritance
class SeniorDatakurir(Datakurir):
    def __init__(self, nama, umur, gaji, alamat, ekspedisi):
```

```
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d.

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ovements! https://aka.ms/PSWindows

PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas M
andiri\SEMESTER 4\Tugas PBO 2>  & 'C:\Users\avita\AppDa
ta\Local\Programs\Python\Python310\python.exe' 'c:\User
s\avita\.vscode\extensions\ms-python.python-2023.4.1\py
thonFiles\lib\python\debugpy\adapter/../..\debugpy\laun
cher' '50900' '--' 'C:\Users\avita\OneDrive\Dokumen\Tug
as Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Latihan\
hierarchical2.py'
Rifki Fadilah Berumur 20 tahun berpenghasilan Rp5000.0
/Bulan, alamat pengantaran Palimanan dengan ekspedisi J
NE.
======================================================
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas M
andiri\SEMESTER 4\Tugas PBO 2>
```
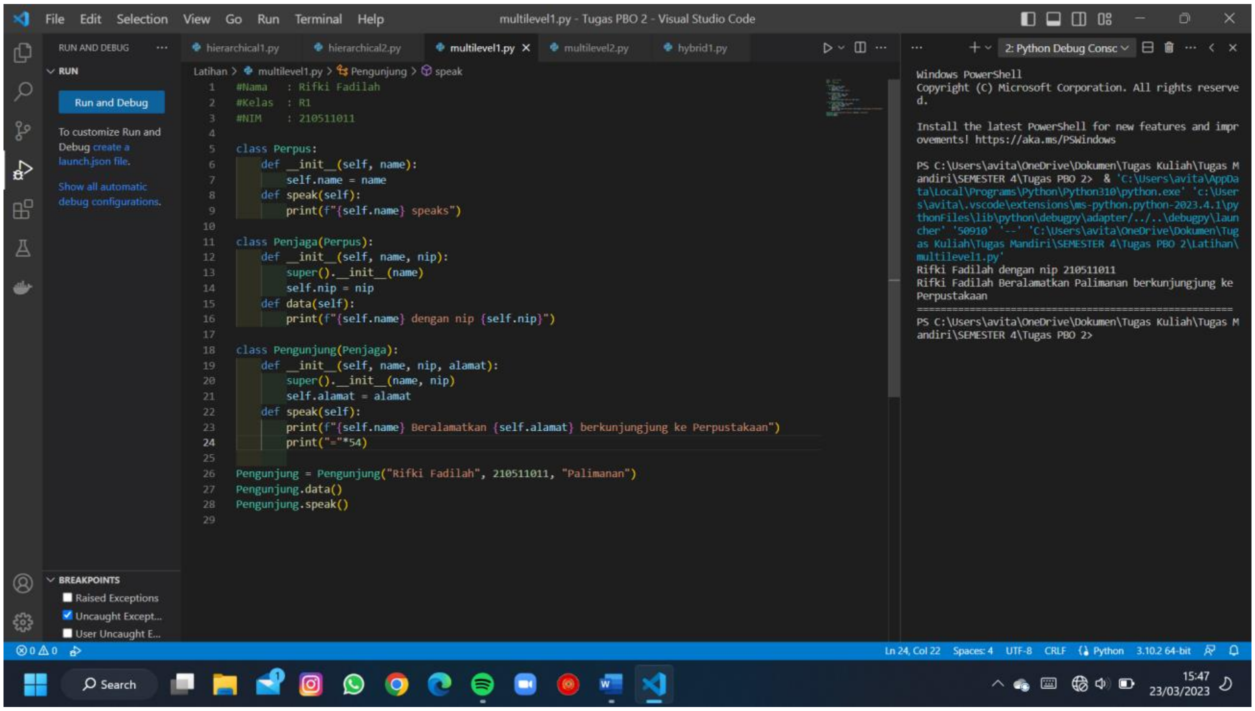

Multilevel1

Script:

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

class Perpus:
    def __init__(self, name):
        self.name = name
    def speak(self):
        print(f"{self.name} speaks")

class Penjaga(Perpus):
    def __init__(self, name, nip):
        super().__init__(name)
        self.nip = nip
    def data(self):
        print(f"{self.name} dengan nip {self.nip}")

class Pengunjung(Penjaga):
    def __init__(self, name, nip, alamat):
        super().__init__(name, nip)
        self.alamat = alamat
    def speak(self):
        print(f"{self.name} Beralamatkan {self.alamat} berkunjungjung ke Perpustakaan")
        print("="*54)

Pengunjung = Pengunjung("Rifki Fadilah", 210511011, "Palimanan")
Pengunjung.data()
Pengunjung.speak()
```

Hasil Running Program:


File Edit Selection View Go Run Terminal Help
multilevel1.py - Tugas PBO 2 - Visual Studio Code
RUN AND DEBUG
RUN
Run and Debug
To customize Run and Debug create a launch.json file.
Show all automatic debug configurations.
hierarchical1.py
hierarchical2.py
multilevel1.py
multilevel2.py
hybrid1.py
Latihan > multilevel1.py > Pengunjung > speak
2: Python Debug Consc
BREAKPOINTS
Raised Exceptions
Uncaught Except...
User Uncaught E...
Ln 24, Col 22 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit
Search
15:47
23/03/2023

```python
#Nama   : Rifki Fadilah
#Kelas  : R1
#NIM    : 210511011

class Perpus:
    def __init__(self, name):
        self.name = name
    def speak(self):
        print(f"{self.name} speaks")

class Penjaga(Perpus):
    def __init__(self, name, nip):
        super().__init__(name)
        self.nip = nip
    def data(self):
        print(f"{self.name} dengan nip {self.nip}")

class Pengunjung(Penjaga):
    def __init__(self, name, nip, alamat):
        super().__init__(name, nip)
        self.alamat = alamat
    def speak(self):
        print(f"{self.name} Beralamatkan {self.alamat} berkunjungjung ke Perpustakaan")
        print("="*54)

Pengunjung = Pengunjung("Rifki Fadilah", 210511011, "Palimanan")
Pengunjung.data()
Pengunjung.speak()
```

```
Windows PowerShell
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d.

Install the latest PowerShell for new features and impr
ovements! https://aka.ms/PSWindows

PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas M
andiri\SEMESTER 4\Tugas PBO 2>  & 'C:\Users\avita\AppDa
ta\Local\Programs\Python\Python310\python.exe' 'c:\User
s\avita\.vscode\extensions\ms-python.python-2023.4.1\py
thonFiles\lib\python\debugpy\adapter/../..\debugpy\laun
cher' '50910' '--' 'C:\Users\avita\OneDrive\Dokumen\Tug
as Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Latihan\
multilevel1.py'
Rifki Fadilah dengan nip 210511011
Rifki Fadilah Beralamatkan Palimanan berkunjungjung ke
Perpustakaan
======================================================
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas M
andiri\SEMESTER 4\Tugas PBO 2>
```
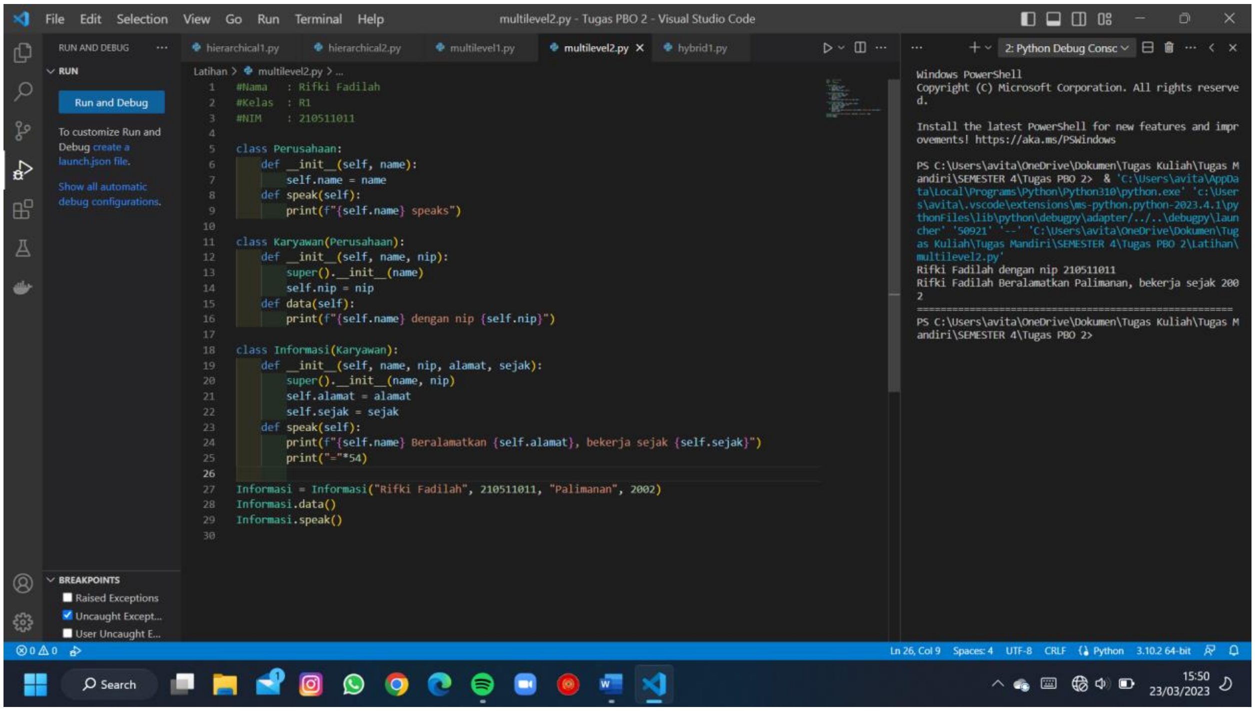

Multilevel2

Script:

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

class Perusahaan:
    def __init__(self, name):
        self.name = name
    def speak(self):
        print(f"{self.name} speaks")

class Karyawan(Perusahaan):
    def __init__(self, name, nip):
        super().__init__(name)
        self.nip = nip
    def data(self):
        print(f"{self.name} dengan nip {self.nip}")

class Informasi(Karyawan):
    def __init__(self, name, nip, alamat, sejak):
        super().__init__(name, nip)
        self.alamat = alamat
        self.sejak = sejak
    def speak(self):
        print(f"{self.name} Beralamatkan {self.alamat}, bekerja sejak
{self.sejak}")
        print("="*54)

Informasi = Informasi("Rifki Fadilah", 210511011, "Palimanan", 2002)
Informasi.data()
Informasi.speak()
```

Hasil Running Program:



```python
#Nama   : Rifki Fadilah
#Kelas  : R1
#NIM    : 210511011

class Perusahaan:
    def __init__(self, name):
        self.name = name
    def speak(self):
        print(f"{self.name} speaks")

class Karyawan(Perusahaan):
    def __init__(self, name, nip):
        super().__init__(name)
        self.nip = nip
    def data(self):
        print(f"{self.name} dengan nip {self.nip}")

class Informasi(Karyawan):
    def __init__(self, name, nip, alamat, sejak):
        super().__init__(name, nip)
        self.alamat = alamat
        self.sejak = sejak
    def speak(self):
        print(f"{self.name} Beralamatkan {self.alamat}, bekerja sejak {self.sejak}")
        print("="*54)

Informasi = Informasi("Rifki Fadilah", 210511011, "Palimanan", 2002)
Informasi.data()
Informasi.speak()
```

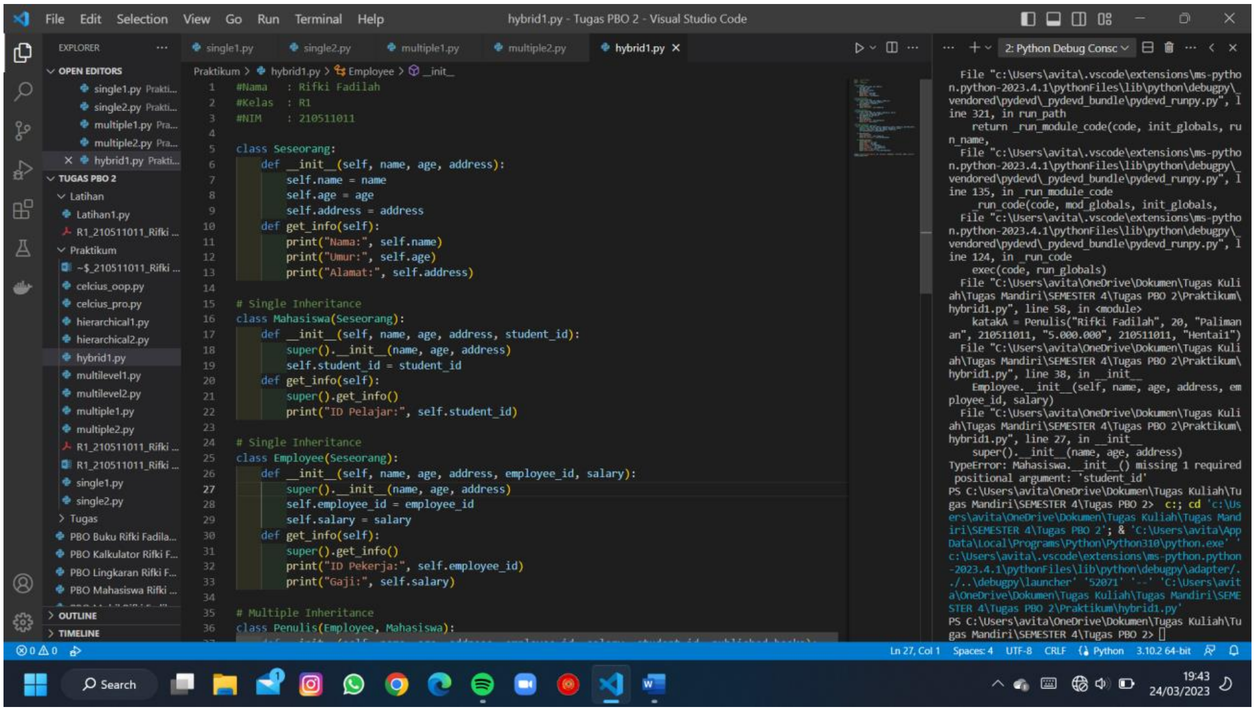
```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserve
d.

Install the latest PowerShell for new features and impr
ovements! https://aka.ms/PSWindows

PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas M
andiri\SEMESTER 4\Tugas PBO 2>  & 'C:\Users\avita\AppDa
ta\Local\Programs\Python\Python310\python.exe' 'c:\User
s\avita\.vscode\extensions\ms-python.python-2023.4.1\py
thonFiles\lib\python\debugpy\adapter/../..\debugpy\laun
cher' '50921' '--' 'C:\Users\avita\OneDrive\Dokumen\Tug
as Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Latihan\
multilevel2.py'
Rifki Fadilah dengan nip 210511011
Rifki Fadilah Beralamatkan Palimanan, bekerja sejak 200
2
======================================================
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas M
andiri\SEMESTER 4\Tugas PBO 2>
```

Hybrid1

Script:

```python
#Nama   : Rifki Fadilah
#Kelas  : R1
#NIM    : 210511011

class Seseorang:
    def __init__(self, name, age, address):
        self.name = name
        self.age = age
        self.address = address
    def get_info(self):
        print("Nama:", self.name)
        print("Umur:", self.age)
        print("Alamat:", self.address)

# Single Inheritance
class Mahasiswa(Seseorang):
    def __init__(self, name, age, address, student_id):
        super().__init__(name, age, address)
        self.student_id = student_id
    def get_info(self):
        super().get_info()
        print("ID Pelajar:", self.student_id)

# Single Inheritance
class Employee(Seseorang):
    def __init__(self, name, age, address, employee_id, salary):
        super().__init__(name, age, address)
        self.employee_id = employee_id
        self.salary = salary
    def get_info(self):
        super().get_info()
        print("ID Pekerja:", self.employee_id)
        print("Gaji:", self.salary)

# Multiple Inheritance
class Penulis(Employee, Mahasiswa):
    def __init__(self, name, age, address, employee_id, salary, student_id,
published_books):
        Employee.__init__(self, name, age, address, employee_id, salary)
        Mahasiswa.__init__(self, name, age, address, student_id)
        self.published_books = published_books

    def get_info(self):
        super().get_info()
        print("ID Pelajar:", self.student_id)
        print("Buku Publikasi:", self.published_books)

    def display_info(self):
        super().get_info()
        print(f"Nama: ", self.name)
        print(f"Umur: ", self.age)
        print(f"Alamat: ", self.address)
        print(f"ID Pelajar: ", self.student_id)
        print(f"ID Pekerja: ", self.employee_id)
        print(f"Gaji: ", self.salary)
        print(f"Buku Publikasi: ", self.published_books)


katakA = Penulis("Rifki Fadilah", 20, "Palimanan", 210511011, "5.000.000", 53454,
"Hentai1")
katakA.display_info()
```

Hasil Running Program:



```python
#Nama    : Rifki Fadilah
#Kelas   : R1
#NIM     : 210511011

class Seseorang:
    def __init__(self, name, age, address):
        self.name = name
        self.age = age
        self.address = address
    def get_info(self):
        print("Nama:", self.name)
        print("Umur:", self.age)
        print("Alamat:", self.address)

# Single Inheritance
class Mahasiswa(Seseorang):
    def __init__(self, name, age, address, student_id):
        super().__init__(name, age, address)
        self.student_id = student_id
    def get_info(self):
        super().get_info()
        print("ID Pelajar:", self.student_id)

# Single Inheritance
class Employee(Seseorang):
    def __init__(self, name, age, address, employee_id, salary):
        super().__init__(name, age, address)
        self.employee_id = employee_id
        self.salary = salary
    def get_info(self):
        super().get_info()
        print("ID Pekerja:", self.employee_id)
        print("Gaji:", self.salary)

# Multiple Inheritance
class Penulis(Employee, Mahasiswa):
```

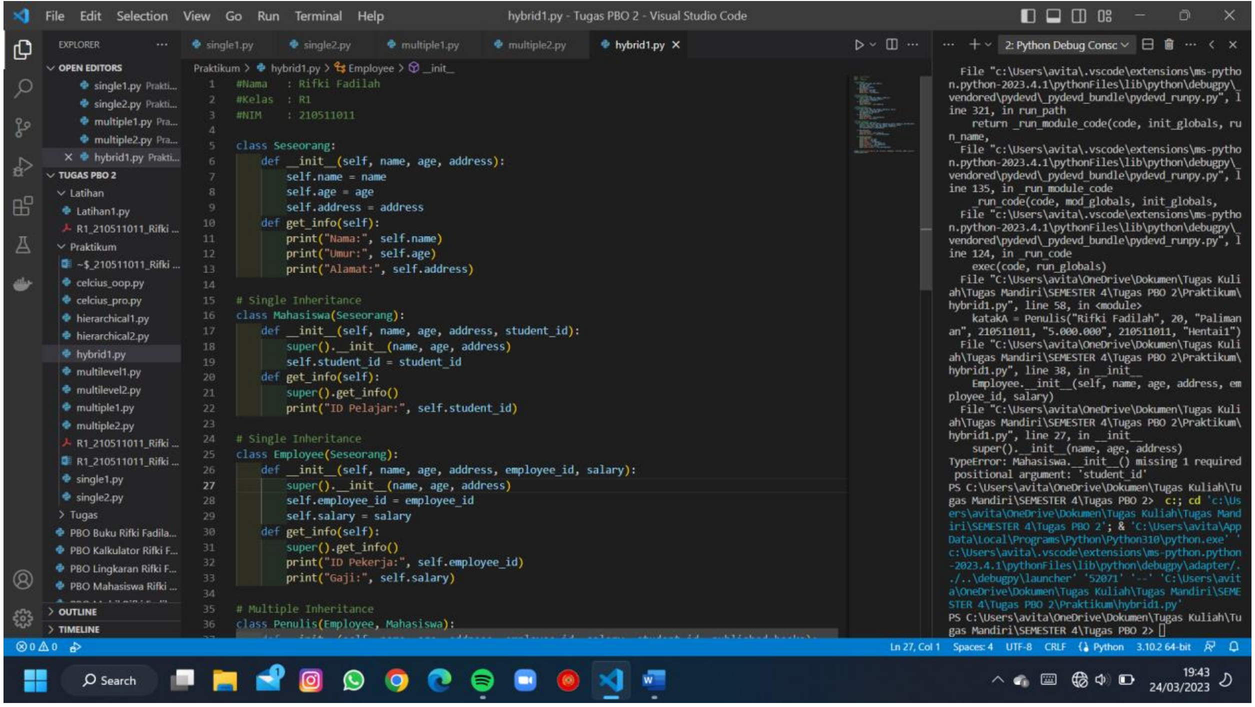
```
  File "c:\Users\avita\.vscode\extensions\ms-pytho
n.python-2023.4.1\pythonFiles\lib\python\debugpy\_
vendored\pydevd\_pydevd_bundle\pydevd_runpy.py", l
ine 321, in run_path
    return _run_module_code(code, init_globals, ru
n_name,
  File "c:\Users\avita\.vscode\extensions\ms-pytho
n.python-2023.4.1\pythonFiles\lib\python\debugpy\_
vendored\pydevd\_pydevd_bundle\pydevd_runpy.py", l
ine 135, in _run_module_code
    _run_code(code, mod_globals, init_globals,
  File "c:\Users\avita\.vscode\extensions\ms-pytho
n.python-2023.4.1\pythonFiles\lib\python\debugpy\_
vendored\pydevd\_pydevd_bundle\pydevd_runpy.py", l
ine 124, in _run_code
    exec(code, run_globals)
  File "C:\Users\avita\OneDrive\Dokumen\Tugas Kuli
ah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Praktikum\
hybrid1.py", line 58, in <module>
    katakA = Penulis("Rifki Fadilah", 20, "Paliman
an", 210511011, "5.000.000", 210511011, "Hentai1")
  File "C:\Users\avita\OneDrive\Dokumen\Tugas Kuli
ah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Praktikum\
hybrid1.py", line 38, in __init__
    Employee.__init__(self, name, age, address, em
ployee_id, salary)
  File "C:\Users\avita\OneDrive\Dokumen\Tugas Kuli
ah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Praktikum\
hybrid1.py", line 27, in __init__
    super().__init__(name, age, address)
TypeError: Mahasiswa.__init__() missing 1 required
 positional argument: 'student_id'
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2>  c:; cd 'c:\Us
ers\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mand
iri\SEMESTER 4\Tugas PBO 2'; & 'C:\Users\avita\App
Data\Local\Programs\Python\Python310\python.exe' '
c:\Users\avita\.vscode\extensions\ms-python.python
-2023.4.1\pythonFiles\lib\python\debugpy\adapter/.
./..\debugpy\launcher' '52071' '--' 'C:\Users\avit
a\OneDrive\Dokumen\Tugas Kuliah\Tugas Mandiri\SEME
STER 4\Tugas PBO 2\Praktikum\hybrid1.py'
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tu
gas Mandiri\SEMESTER 4\Tugas PBO 2> 
```

Hybrid2

Script:

```python
#Nama    : Rifki Fadilah
#Kelas   : R1
#NIM     : 210511011

class Seseorang:
    def __init__(self, name, age, address):
        self.name = name
        self.age = age
        self.address = address
    def get_info(self):
        print("Nama:", self.name)
        print("Umur:", self.age)
        print("Alamat:", self.address)

# Single Inheritance
class Mahasiswa(Seseorang):
    def __init__(self, name, age, address, student_id):
        super().__init__(name, age, address)
        self.student_id = student_id
    def get_info(self):
        super().get_info()
        print("ID Pelajar:", self.student_id)

# Single Inheritance
class Employee(Seseorang):
    def __init__(self, name, age, address, employee_id, salary):
        super().__init__(name, age, address)
        self.employee_id = employee_id
        self.salary = salary
    def get_info(self):
        super().get_info()
        print("ID Pekerja:", self.employee_id)
        print("Gaji:", self.salary)

# Multiple Inheritance
class Penulis(Employee, Mahasiswa):
    def __init__(self, name, age, address, employee_id, salary, student_id,
published_books):
        Employee.__init__(self, name, age, address, employee_id, salary)
        Mahasiswa.__init__(self, name, age, address, student_id)
        self.published_books = published_books

    def get_info(self):
        super().get_info()
        print("ID Pelajar:", self.student_id)
        print("Buku Publikasi:", self.published_books)

    def display_info(self):
        super().get_info()
        print(f"Nama: ", self.name)
        print(f"Umur: ", self.age)
        print(f"Alamat: ", self.address)
        print(f"ID Pelajar: ", self.student_id)
        print(f"ID Pekerja: ", self.employee_id)
        print(f"Gaji: ", self.salary)
        print(f"Buku Publikasi: ", self.published_books)


katakA = Penulis("Rifki Fadilah", 20, "Palimanan", 210511011, "5.000.000", 53454,
"Hentai1")
katakA.display_info()
```

Hasil Running Program:


File Edit Selection View Go Run Terminal Help
hybrid1.py - Tugas PBO 2 - Visual Studio Code
EXPLORER
OPEN EDITORS
single1.py
single2.py
multiple1.py
multiple2.py
hybrid1.py
TUGAS PBO 2
Latihan
Praktikum
Tugas
OUTLINE
TIMELINE
Praktikum > hybrid1.py > Employee > __init__
2: Python Debug Console
Ln 27, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.2 64-bit
19:43
24/03/2023

```python
#Nama    : Rifki Fadilah
#Kelas   : R1
#NIM     : 210511011

class Seseorang:
    def __init__(self, name, age, address):
        self.name = name
        self.age = age
        self.address = address
    def get_info(self):
        print("Nama:", self.name)
        print("Umur:", self.age)
        print("Alamat:", self.address)

# Single Inheritance
class Mahasiswa(Seseorang):
    def __init__(self, name, age, address, student_id):
        super().__init__(name, age, address)
        self.student_id = student_id
    def get_info(self):
        super().get_info()
        print("ID Pelajar:", self.student_id)

# Single Inheritance
class Employee(Seseorang):
    def __init__(self, name, age, address, employee_id, salary):
        super().__init__(name, age, address)
        self.employee_id = employee_id
        self.salary = salary
    def get_info(self):
        super().get_info()
        print("ID Pekerja:", self.employee_id)
        print("Gaji:", self.salary)

# Multiple Inheritance
class Penulis(Employee, Mahasiswa):
```

```
  File "c:\Users\avita\.vscode\extensions\ms-python.python-2023.4.1\pythonFiles\lib\python\debugpy\_vendored\pydevd\_pydevd_bundle\pydevd_runpy.py", line 321, in run_path
    return _run_module_code(code, init_globals, run_name,
  File "c:\Users\avita\.vscode\extensions\ms-python.python-2023.4.1\pythonFiles\lib\python\debugpy\_vendored\pydevd\_pydevd_bundle\pydevd_runpy.py", line 135, in _run_module_code
    _run_code(code, mod_globals, init_globals,
  File "c:\Users\avita\.vscode\extensions\ms-python.python-2023.4.1\pythonFiles\lib\python\debugpy\_vendored\pydevd\_pydevd_bundle\pydevd_runpy.py", line 124, in _run_code
    exec(code, run_globals)
  File "C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Praktikum\hybrid1.py", line 58, in <module>
    katakA = Penulis("Rifki Fadilah", 20, "Palimanan", 210511011, "5.000.000", 210511011, "Hentai1")
  File "C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Praktikum\hybrid1.py", line 38, in __init__
    Employee.__init__(self, name, age, address, employee_id, salary)
  File "C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Praktikum\hybrid1.py", line 27, in __init__
    super().__init__(name, age, address)
TypeError: Mahasiswa.__init__() missing 1 required positional argument: 'student_id'
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2>  c:; cd 'c:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2'; & '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' '52071' '--' 'C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2\Praktikum\hybrid1.py'
PS C:\Users\avita\OneDrive\Dokumen\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Tugas PBO 2> 
```