

hewan\_single.py - 210511034\_Aghisna Baihaqi\_TI21A - Visual Studio Code

EXPLORER

- 210511...
- animal\_hierarki.py
- animal2\_hierarki.py
- game\_hybrid.py
- hewan\_single.py**
- hewan1\_multiple.py
- hewan2\_multiple.py
- kendaraan\_single.py
- Latihan1\_PBO2.zip
- mahasiswa\_multiple.py
- manusia\_single.py
- orang\_multiple.py
- person\_hierarki.py
- person\_multiple.py
- seseorang\_hybrid.py

hewan\_single.py > ...

```
1 print("Aghisna Baihaqi\n210511034\nTI21A\n")
2
3 class Hewan:
4     def __init__(self, nama, umur):
5         self.nama = nama
6         self.umur = umur
7     def bergerak(se (variable) nama: Any
8         print(self.nama, "bergerak")
9
10 class Kucing(Hewan):
11     def __init__(self, nama, umur, jenis_bulu):
12         super().__init__(nama, umur)
13         self.jenis_bulu = jenis_bulu
14     def bersuara(self):
15         print("Meow!")
16
17 kucingA = Kucing("Toben", 4, "Anggora")
18 kucingA.bergerak() # output: Kitty bergenak
19 kucingA.bersuara() # output: Meow!
```

PROBLEMS

TERMINAL

Python

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/Python310/python.c
xe "d:/210511034_Aghisna Baihaqi_TI21A/hewan_single.py"
Aghisna Baihaqi
210511034
TI21A

Toben bergerak
Meow!
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

Ln 17, Col 38 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

33°C Sebagian cerah 11:42 20/03/2023

File Edit Selection View Go Run Terminal Help kendaraan\_single.py - 210511034\_Aghisna Baihaqi\_TI21A - Visual Studio Code

EXPLORER ... rid.py Person Multiple.py hewan1\_multiple.py kendaraan\_single.py X

210511034\_AGHISNA BAI...  
animal\_hierarki.py  
animal2\_hierarki.py  
game\_hybrid.py  
hewan\_single.py  
hewan1\_multiple.py  
hewan2\_multiple.py  
kendaraan\_single.py  
Latihan1\_PBO2.zip  
mahasiswa\_multiple.py  
manusia\_single.py  
orang\_multiple.py  
person\_hierarki.py  
person\_multiple.py  
seseorang\_hybrid.py

kendaraan\_single.py > ...  
1 print("Aghisna Baihaqi\n210511034\nTI21A\n")  
2  
3 class Kendaraan:  
4 def \_\_init\_\_(self, jenis, merk, warna):  
5 self.jenis = jenis  
6 self.merk = merk  
7 self.warna = warna  
8 def berkendara(self):  
9 print("Kendaraan ini sedang berjalan.")  
10  
11 class SepedaMotor(Kendaraan):  
12 def \_\_init\_\_(self, jenis, merk, warna, cc):  
13 super().\_\_init\_\_(jenis, merk, warna)  
14 self.cc = cc  
15 def belok(self):  
16 print("Sepeda motor ini sedang belok.")  
17  
18 motorA = SepedaMotor("Sepeda Motor", "Beat", "Biru", 200)  
19 motorA.berkendara() # Output: Kendaraan ini sedang berjalan.  
20 motorA.belok() # Output: Sepeda motor ini sedang belok.

PROBLEMS TERMINAL ... Python + Python 3.10.10 64-bit

PS D:\210511034\_Aghisna Baihaqi\_TI21A> & D:/Python310/python.exe "d:/210511034\_Aghisna Baihaqi\_TI21A/kendaraan\_single.py"  
Aghisna Baihaqi  
210511034  
TI21A  
  
Kendaraan ini sedang berjalan.  
Sepeda motor ini sedang belok.  
PS D:\210511034\_Aghisna Baihaqi\_TI21A>

Ln 1, Col 1 (44 selected) | Spaces: 4 | UTF-8 | CRLF | Python 3.10.10 64-bit

Type here to search 33°C Sebagian cerah 11:42 20/03/2023

Visual Studio Code interface showing a Python file named `manusia_single.py` with the following code:

```
1 print("Aghisna Baihaqi\n210511034\nTI21A\n")
2
3 class Manusia:
4     def __init__(self, nama, umur):
5         self.nama = nama
6         self.umur = umur
7     def berbicara(self):
8         print(f"{self.nama} sedang berbicara.")
9
10 class Dosen(Manusia):
11     def __init__(self, nama, umur, nip):
12         super().__init__(nama, umur)
13         self.nip = nip
14     def mengajar(self):
15         print(f"{self.nama} dengan NIP {self.nip} sedang mengajar.")
16
17 dosenA = Dosen("Haikal", 28, "1212133")
18 dosenA.berbicara() # Output: Budi sedang berbicara.
19 dosenA.mengajar() # Output: Budi dengan NIP 123456 sedang mengajar.
20
```

The terminal output shows the execution of the script:

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/Python310/python.exe "d:/210511034_Aghisna Baihaqi_TI21A/manusia_single.py"
Aghisna Baihaqi
210511034
TI21A

Haikal sedang berbicara.
Haikal dengan NIP 1212133 sedang mengajar.
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

The status bar at the bottom indicates the current position is Line 17, Column 23, with 4 spaces, UTF-8 encoding, CRLF line endings, Python 3.10.10 64-bit, and a temperature of 33°C.

File Edit Selection View Go Run Terminal Help hewan1\_multiple.py - 210511034\_Aghisna Baihaqi\_TI21A - Visual Studio Code

EXPLORER ... rid.py \* seseorang\_hybrid.py \* Person Multiple.py \* hewan1\_multiple.py X

210511034\_AGHISNA BAI...  
animal\_hierarki.py  
animal2\_hierarki.py  
game\_hybrid.py  
hewan\_single.py  
hewan1\_multiple.py  
hewan2\_multiple.py  
kendaraan\_single.py  
Latihan1\_PBO2.zip  
mahasiswa\_multiple.py  
manusia\_single.py  
orang\_multiple.py  
person\_hierarki.py  
person\_multiple.py  
seseorang\_hybrid.py

6 self.umur = umur  
7 def display\_info(self):  
8 print(f>Nama: {self.nama}")  
9 print(f"Umur: {self.umur}")  
10  
11 class Reptil:  
12 def \_\_init\_\_(self, jenis, habitat):  
13 self.jenis = jenis  
14 self.habitat = habitat  
15 def display\_info(self):  
16 print(f"Jenis: {self.jenis}")  
17 print(f"Habitat: {self.habitat}")  
18  
19 class Amphibi:  
20 def \_\_init\_\_(self, metamorfosis, habitat):  
21 self.metamorfosis = metamorfosis  
22 self.habitat = habitat  
23 def display\_info(self):  
24 print(f"Metamorfosis: {self.metamorfosis}")  
25 print(f"Habitat: {self.habitat}")  
26  
27 class Ular(Reptil, Amphibi):  
28 def \_\_init\_\_(self, nama, umur, jenis, habitat, metamorfosis):  
29 Hewan.\_\_init\_\_(self, nama, umur)  
30 Reptil.\_\_init\_\_(self, jenis, habitat)  
31 Amphibi.\_\_init\_\_(self, metamorfosis, habitat)  
32 def display\_info(self):  
33 super().display\_info()  
34 print(f>Nama: {self.nama}")  
35 print(f"Umur: {self.umur}")  
36 print(f"Jenis: {self.jenis}")  
37 print(f"Habitat: {self.habitat}")  
38 print(f"Metamorfosis: {self.metamorfosis}")

PROBLEMS TERMINAL ... Python +

PS D:\210511034\_Aghisna Baihaqi\_TI21A> & D:/Python310/python.c  
xe "d:/210511034\_Aghisna Baihaqi\_TI21A/hewan1\_multiple.py"  
Aghisna Baihaqi  
210511034  
TI21A  
  
Jenis: Reptil-Amphibi  
Habitat: Darat  
Nama: Ular Black Mamba  
Umur: 2.5  
Jenis: Reptil-Amphibi  
Habitat: Darat  
Metamorfosis: Bertelur dan Melahirkan  
PS D:\210511034\_Aghisna Baihaqi\_TI21A>

Ln 42, Col 21 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

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Visual Studio Code interface showing a Python project named "hewan2\_multiple.py" with a class hierarchy for animals.

**EXPLORER**

- 210511034\_AGHISNA BAI...
- animal\_hierarki.py
- animal2\_hierarki.py
- game\_hybrid.py
- hewan\_single.py
- hewan1\_multiple.py
- hewan2\_multiple.py
- kendaraan\_single.py
- Latihan1\_PBO2.zip
- mahasiswa\_multiple.py
- manusia\_single.py
- orang\_multiple.py
- person\_hierarki.py
- person\_multiple.py
- seseorang\_hybrid.py

**hewan2\_multiple.py**

```
1 print("Aghisna Baihaqi\n210511034\nTI21A\n")
2
3 class Hewan:
4     def __init__(self, jenis):
5         self.jenis = jenis
6     def display_info(self):
7         print(f"Jenis hewan: {self.jenis}")
8
9 class Mamalia(Hewan):
10     def __init__(self, jenis, nama):
11         super().__init__(jenis, nama)
12         self.nama = nama
13     def display_info(self):
14         super().display_info()
15         print(f>Nama mamalia: {self.nama}")
16
17 class Karnivora(Hewan):
18     def __init__(self, jenis, makanan):
19         super().__init__(jenis)
20         self.makanan = makanan
21     def display_info(self):
22         super().display_info()
23         print(f"Jenis makanan: {self.makanan}")
24
25 class Paus(Mamalia, Karnivora):
26     def __init__(self, jenis, nama, makanan):
27         Mamalia.__init__(self, jenis, nama)
28         Karnivora.__init__(self, jenis, makanan)
29     def display_info(self):
30         super().display_info()
31         print(f"Jenis hewan: {self.jenis}")
32
33 # contoh penggunaan
```

**TERMINAL**

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/Python310/python.c
xe "d:/210511034_Aghisna Baihaqi_TI21A/hewan2_multiple.py"
Aghisna Baihaqi
210511034
TI21A

Jenis hewan: Mamalia
Jenis makanan: Ikan/Hewan Laut
Nama mamalia: Harinau Beluga
Jenis hewan: Mamalia
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

Ln 22, Col 31 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

33°C Sebagian cerah 11:45 20/03/2023



File Edit Selection View Go Run Terminal Help mahasiswa\_multiple.py - 210511034\_Aghisna Baihaqi\_TI21A - Visual Studio Code

EXPLORER

- 210511034\_AGHISNA BAI...
- animal\_hierarki.py
- animal2\_hierarki.py
- game\_hybrid.py
- hewan\_single.py
- hewan1\_multiple.py
- hewan2\_multiple.py
- kendaraan\_single.py
- Latihan1\_PBO2.zip
- mahasiswa\_multiple.py
- manusia\_single.py
- orang\_multiple.py
- person\_hierarki.py
- person\_multiple.py
- seseorang\_hybrid.py

mahasiswa\_multiple.py > ...

```
1 print("Aghisna Baihaqi\n210511034\nTI21A\n")
2
3 class Mahasiswa:
4     def __init__(self, nama, nim):
5         self.nama = nama
6         self.nim = nim
7     def belajar(self):
8         print(self.nama, "sedang belajar")
9
10 class Pekerja:
11     def __init__(self, nama, pekerjaan):
12         self.nama = nama
13         self.pekerjaan = pekerjaan
14     def bekerja(self):
15         print(self.nama, "sedang bekerja")
16
17 class MahasiswaPekerja(Mahasiswa, Pekerja):
18     def __init__(self, nama, nim, pekerjaan):
19         Mahasiswa.__init__(self, nama, nim)
20         Pekerja.__init__(self, nama, pekerjaan)
21     def bersosialisasi(self):
22         print(self.nama, "sedang bersosialisasi")
23
24 mhs_pekerja = MahasiswaPekerja("Aghisna", "210511034", "Data Scienti
25 mhs_pekerja.belajar() # output: Rahma sedang belajar
26 mhs_pekerja.bekerja() # output: Rahma sedang bekerja
27 mhs_pekerja.bersosialisasi() # output: Rahma sedang bersosialisasi
28
```

PROBLEMS TERMINAL

Python + Python 3.10.10 64-bit

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/Python310/python.c
xe "d:/210511034_Aghisna Baihaqi_TI21A/mahasiswa_multiple.py"
Aghisna Baihaqi
210511034
TI21A

Aghisna sedang belajar
Aghisna sedang bekerja
Aghisna sedang bersosialisasi
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

Ln 1, Col 1 (44 selected) Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

33°C Sebagian cerah 11:45 20/03/2023

File Edit Selection View Go Run Terminal Help orang\_multiple.py - 210511034\_Aghisna Baihaqi\_TI21A - Visual Studio Code

EXPLORER

- 210511034\_AGHISNA BAI...
- animal\_hierarki.py
- animal2\_hierarki.py
- game\_hybrid.py
- hewan\_single.py
- hewan1\_multiple.py
- hewan2\_multiple.py
- kendaraan\_single.py
- Latihan1\_PBO2.zip
- mahasiswa\_multiple.py
- manusia\_single.py
- orang\_multiple.py
- person\_hierarki.py
- person\_multiple.py
- seseorang\_hybrid.py

OUTLINE

TIMELINE

orang\_multiple.py > Penulis > \_\_init\_\_ > genre

```
4 def __init__(self, nama, umur):
5     self.nama = nama
6     self.umur = umur
7 def display_info(self):
8     print(f>Nama: {self.nama}")
9     print(f"Umur: {self.umur}")
10
11 class Pekerja:
12     def __init__(self, pekerjaan, gaji):
13         self.pekerjaan = pekerjaan
14         self.gaji = gaji
15     def display_info(self):
16         print(f"Pekerjaan: {self.pekerjaan}")
17         print(f"Gaji: {self.gaji}")
18
19 class Penulis:
20     def __init__(self, buku, genre):
21         self.buku = buku
22         self.genre = genre
23     def display_info(self):
24         print(f"Buku: {self.buku}")
25         print(f"Genre: {self.genre}")
26
27 class PenulisPekerja(Orang, Pekerja, Penulis):
28     def __init__(self, nama, umur, pekerjaan, gaji, buku, genre):
29         Orang.__init__(self, nama, umur)
30         Pekerja.__init__(self, pekerjaan, gaji)
31         Penulis.__init__(self, buku, genre)
32     def display_info(self):
33         super().display_info()
34         print(f"Pekerjaan: {self.pekerjaan}")
35         print(f"Gaji: {self.gaji}")
```

PROBLEMS

TERMINAL

Python +

PS D:\210511034\_Aghisna Baihaqi\_TI21A> & D:/python310/python.c  
xe "d:/210511034\_Aghisna Baihaqi\_TI21A/orang\_multiple.py"  
Aghisna Baihaqi  
210511034  
TI21A  
  
Nama: Merry Riana  
Umur: 30  
Pekerjaan: Penulis  
Gaji: \$1200  
Buku: Mimpi Sejuta Dolar  
Genre: Biografi  
PS D:\210511034\_Aghisna Baihaqi\_TI21A>

Ln 20, Col 32 (1 selected) | Spaces 4 | UTF-8 | CRLF | Python 3.10.10 64-bit

33°C Sebagian cerah 11:45 20/03/2023

Visual Studio Code interface showing a Python project named "210511034\_Aghisna Baihaqi\_TI21A". The Explorer panel on the left lists files including `person_multiple.py`, which is currently open in the editor.

The code in `person_multiple.py` defines a `Person` class and its subclasses `Mahasiswa`, `Alumni`, and `MahasiswaAlumni`.

```
1 print("Aghisna Baihaqi\n210511034\nTI21A\n")
2
3 class Person:
4     def __init__(self, nama, umur):
5         self.nama = nama
6         self.umur = umur
7     def display_info(self):
8         print(f>Nama: {self.nama}")
9         print(f"Umur: {self.umur}")
10
11 class Mahasiswa(Person):
12     def __init__(self, nama, umur, jurusan):
13         super().__init__(nama, umur, jurusan)
14         self.jurusan = jurusan
15     def display_info(self):
16         super().display_info()
17         print(f"Jurusan: {self.jurusan}")
18
19 class Alumni(Person):
20     def __init__(self, nama, umur, tahun_lulus):
21         super().__init__(nama, umur)
22         self.tahun_lulus = tahun_lulus
23     def display_info(self):
24         super().display_info()
25         print(f"Tahun lulus: {self.tahun_lulus}")
26
27 class MahasiswaAlumni(Mahasiswa, Alumni):
28     def __init__(self, nama, umur, jurusan, tahun_lulus):
29         Mahasiswa.__init__(self, nama, umur, jurusan)
30         Alumni.__init__(self, nama, umur, tahun_lulus)
31     def display_info(self):
32         super().display_info()
33         print(f"Tahun lulus: {self.tahun_lulus}")
```

The TERMINAL panel on the right shows the output of running the script:

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/Python310/python.c
xe "d:/210511034_Aghisna Baihaqi_TI21A/person_multiple.py"
Aghisna Baihaqi
210511034
TI21A

Nama: Tania Nur
Umur: 23
Tahun lulus: 2022
Jurusan: Akutansi
Tahun lulus: 2022
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

The status bar at the bottom indicates the current position is "Ln 1, Col 1 (44 selected)" and the file encoding is "UTF-8".



Visual Studio Code interface showing a Python file named `animal_hierarki.py` with a class hierarchy for animals.

**EXPLORER**

- 210511034\_AGHISNA BAI...
- animal\_hierarki.py
- animal2\_hierarki.py
- game\_hybrid.py
- hewan\_single.py
- hewan1\_multiple.py
- hewan2\_multiple.py
- kendaraan\_single.py
- Latihan1\_PBO2.zip
- mahasiswa\_multiple.py
- manusia\_single.py
- orang\_multiple.py
- person\_hierarki.py
- person\_multiple.py
- seseorang\_hybrid.py

**animal\_hierarki.py**

```
1 print("Aghisna Baihaqi\n210511034\nTI21A\n")
2
3 class Animal:
4     def __init__(self, name, color):
5         self.name = name
6         self.color = color
7     def get_name(self):
8         return self.name
9     def get_color(self):
10        return self.color
11
12 class Mammal(Animal):
13     def __init__(self, name, color, fur):
14         super().__init__(name, color)
15         self.fur = fur
16     def get_fur(self):
17         return self.fur
18
19 class Bird(Animal):
20     def __init__(self, name, color, wingspan):
21         super().__init__(name, color)
22         self.wingspan = wingspan
23     def get_wingspan(self):
24         return self.wingspan
25
26 # Hierarchical Inheritance
27 class Reptile(Mammal):
28     def __init__(self, name, color, fur, scale):
29         super().__init__(name, color, fur)
30         self.scale = scale
31     def get_scale(self):
32         return self.scale
33
```

**TERMINAL**

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/python310/python.c
xe "d:/210511034_Aghisna Baihaqi_TI21A/animal_hierarki.py"
Aghisna Baihaqi
210511034
TI21A
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

Ln 34, Col 1 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

33°C Sebagian cerah 11:46 20/03/2023

Visual Studio Code interface showing a Python project named "animal2\_hierarki.py" with a class hierarchy for animals.

**EXPLORER**

- 210511034\_AGHISNA BAI...
- animal\_hierarki.py
- animal2\_hierarki.py
- game\_hybrid.py
- hewan\_single.py
- hewan1\_multiple.py
- hewan2\_multiple.py
- kendaraan\_single.py
- Latihan1\_PBO2.zip
- mahasiswa\_multiple.py
- manusia\_single.py
- orang\_multiple.py
- person\_hierarki.py
- person\_multiple.py
- seseorang\_hybrid.py

**animal2\_hierarki.py**

```
1 class Animal:
2     def __init__(self, name):
3         self.name = name
4     def speak(self):
5         print(f"{self.name} speaks")
6
7 class Bird(Animal):
8     def __init__(self, name, wingspan):
9         super().__init__(name)
10        self.wingspan = wingspan
11    def fly(self):
12        print(f"{self.name} is flying with a wingspan of {self.wingspan}")
13
14 class Parrot(Bird):
15     def __init__(self, name, wingspan, color):
16         super().__init__(name, wingspan)
17         self.color = color
18     def speak(self):
19         print(f"{self.name} is a {self.color} parrot that talks")
20
21 parrot = Parrot("Rio", 12, "blue")
22 parrot.speak() # Output: Rio is a blue parrot that talks
23 parrot.fly() # Output: Rio is flying with a wingspan of 12
```

**TERMINAL**

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/python310/python.c
xe "d:/210511034_Aghisna Baihaqi_TI21A/animal2_hierarki.py"
Rio is a blue parrot that talks
Rio is flying with a wingspan of 12
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

**STATUS BAR**

Ln 19, Col 9 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

**SYSTEM TRAY**

33°C Sebagian cerah 11:46 20/03/2023

Visual Studio Code interface showing a Python project named "person\_hierarki.py" with a class hierarchy: Person, Employee, and Manager.

**EXPLORER**

- 210511034\_AGHISNA BAI...
- animal\_hierarki.py
- animal2\_hierarki.py
- game\_hybrid.py
- hewan\_single.py
- hewan1\_multiple.py
- hewan2\_multiple.py
- kendaraan\_single.py
- Latihan1\_PBO2.zip
- mahasiswa\_multiple.py
- manusia\_single.py
- orang\_multiple.py
- person\_hierarki.py
- person\_multiple.py
- seseorang\_hybrid.py

**person\_hierarki.py**

```
1 print("Aghisna Baihaqi\n210511034\nTI21A\n")
2
3 class Person:
4     def __init__(self, name, age):
5         self.name = name
6         self.age = age
7     def get_details(self):
8         print(f"Name: {self.name}, Age: {self.age}")
9
10 class Employee(Person):
11     def __init__(self, name, age, id, salary):
12         super().__init__(name, age)
13         self.id = id
14         self.salary = salary
15     def get_details(self):
16         super().get_details()
17         print(f"ID: {self.id}, Salary: {self.salary}")
18
19 class Manager(Employee):
20     def __init__(self, name, age, id, salary, department):
21         super().__init__(name, age, id, salary)
22         self.department = department
23     def get_details(self):
24         super().get_details()
25         print(f"Department: {self.department}")
```

**TERMINAL**

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/Python310/python.c
xe "d:/210511034_Aghisna Baihaqi_TI21A/person_hierarki.py"
Aghisna Baihaqi
210511034
TI21A
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

Ln 25, Col 48 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

33°C Sebagian cerah 11:46 20/03/2023

Visual Studio Code interface showing a Python project named "game\_hybrid.py" with a file explorer on the left and a terminal on the right.

**File Explorer (Left):**

- 210511034\_AGHISNA BAI...
- animal\_hierarki.py
- animal2\_hierarki.py
- game\_hybrid.py
- hewan\_single.py
- hewan1\_multiple.py
- hewan2\_multiple.py
- kendaraan\_single.py
- Latihan1\_PBO2.zip
- mahasiswa\_multiple.py
- manusia\_single.py
- orang\_multiple.py
- person\_hierarki.py
- person\_multiple.py
- seseorang\_hybrid.py

**Code Editor (Center):**

```
game_hybrid.py - 210511034_Aghisna Baihaqi_TI21A - Visual Studio Code
game_hybrid.py > Player > update
1 # Single Inheritance
2 class GameObject:
3     def __init__(self, x, y):
4         self.x = x
5         self.y = y
6
7 # Single Inheritance
8 class Drawable:
9     def draw(self):
10        print("Drawing object at: ", self.x, self.y)
11
12 # Single Inheritance
13 class Moveable:
14     def move(self, dx, dy):
15         self.x += dx
16         self.y += dy
17
18 # Multiple Inheritance
19 class Player(GameObject, Drawable, Moveable):
20     def __init__(self, x, y):
21         super().__init__(x, y)
22     def update(self):
23         self.move(1, 1)
24         self.draw()
```

**Terminal (Right):**

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/Python310/python.c
xe "d:/210511034_Aghisna Baihaqi_TI21A/game_hybrid.py"
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

**Status Bar (Bottom):**

Ln 24, Col 9 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit 11:46 20/03/2023

File Edit Selection View Go Run Terminal Help seseorang\_hybrid.py - 210511034\_Aghisna Baihaqi\_TI21A - Visual Studio Code

EXPLORER ... ierarki.py animal2\_hierarki.py game\_hybrid.py seseorang\_hybrid.py X

210511034\_AGHISNA BAI...  
animal\_hierarki.py  
animal2\_hierarki.py  
game\_hybrid.py  
hewan\_single.py  
hewan1\_multiple.py  
hewan2\_multiple.py  
kendaraan\_single.py  
Latihan1\_PBO2.zip  
mahasiswa\_multiple.py  
manusia\_single.py  
orang\_multiple.py  
person\_hierarki.py  
person\_multiple.py  
seseorang\_hybrid.py

seseorang\_hybrid.py > Penulis > get\_info

```
1 print("Aghisna Baihaqi\n210511034\nTI21A\n")
2
3 class Seseorang:
4     def __init__(self, name, age, address):
5         self.name = name
6         self.age = age
7         self.address = address
8     def get_info(self):
9         print("Name:", self.name)
10        print("Age:", self.age)
11        print("Address:", self.address)
12
13 # Single Inheritance
14 class Mahasiswa(Seseorang):
15     def __init__(self, name, age, address, student_id):
16         super().__init__(name, age, address)
17         self.student_id = student_id
18     def get_info(self):
19         super().get_info()
20         print("Student ID:", self.student_id)
21
22 # Single Inheritance
23 class Employee(Seseorang):
24     def __init__(self, name, age, address, employee_id, salary):
25         super().__init__(name, age, address)
26         self.employee_id = employee_id
27         self.salary = salary
28     def get_info(self):
29         super().get_info()
30         print("Employee ID:", self.employee_id)
31         print("Salary:", self.salary)
32
33 # Multiple Inheritance
```

PROBLEMS TERMINAL ... Python +

```
PS D:\210511034_Aghisna Baihaqi_TI21A> & D:/Python310/python.c
xe "d:/210511034_Aghisna Baihaqi_TI21A/seseorang_hybrid.py"
Aghisna Baihaqi
210511034
TI21A
PS D:\210511034_Aghisna Baihaqi_TI21A>
```

Ln 42, Col 9 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

Type here to search 33°C Sebagian cerah 11:47 20/03/2023