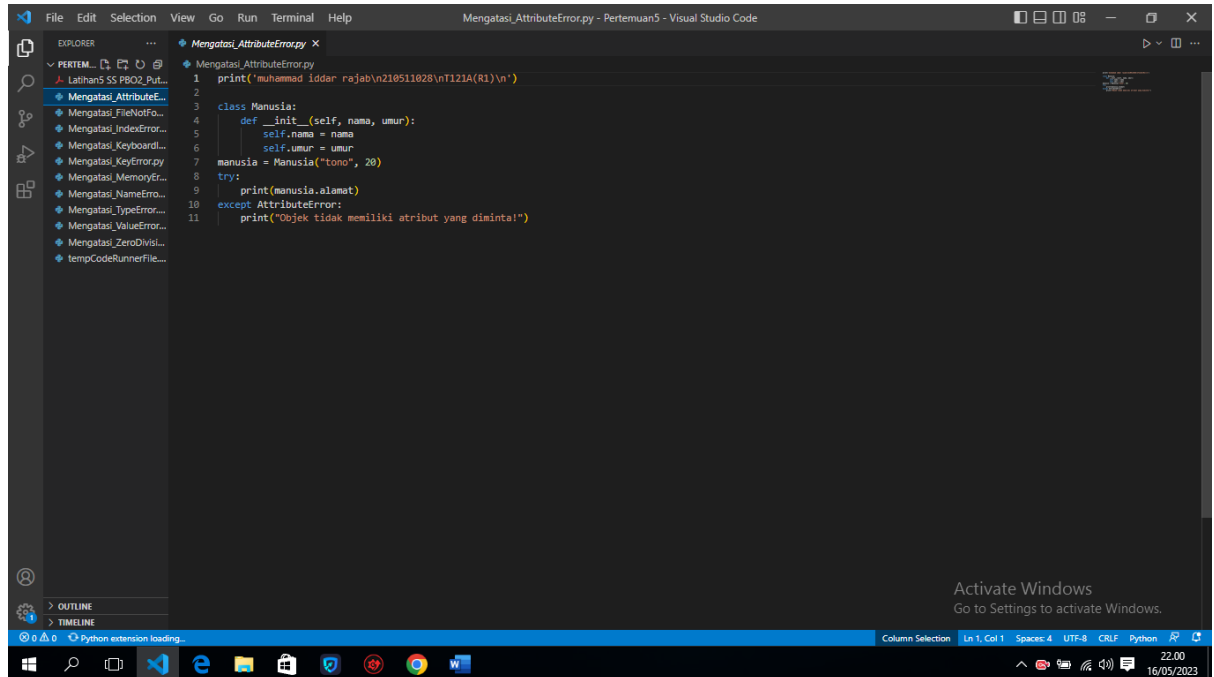


Nama :muhammad iddar rajab

Kelas : R1

Nim : 210511028

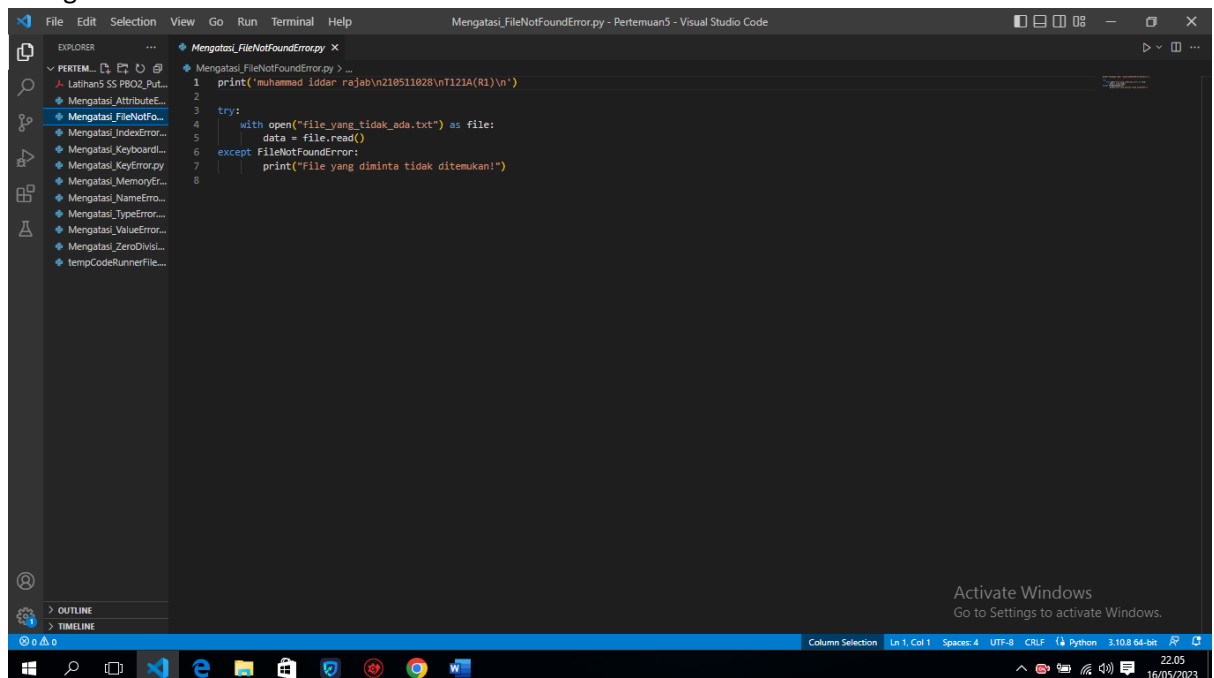
## 1. Mengatasi Attribute Error



The screenshot shows the Visual Studio Code interface with a file named 'Mengatasi\_AttributeError.py'. The code defines a class 'Manusia' with an '\_\_init\_\_' method that takes 'nama' and 'umur' as arguments. It then creates an instance 'manusia' and attempts to access an attribute 'alamat' which does not exist, triggering an 'AttributeError'. The code uses a try-except block to catch the error and print a message.

```
1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3 class Manusia:
4     def __init__(self, nama, umur):
5         self.nama = nama
6         self.umur = umur
7     manusia = Manusia("tono", 20)
8     try:
9         print(manusia.alamat)
10    except AttributeError:
11        print("Objek tidak memiliki atribut yang diminta!")
```

## 2. Mengatasi File Not Found Error



The screenshot shows the Visual Studio Code interface with a file named 'Mengatasi\_FileNotFound.py'. The code attempts to open a file named 'file\_yang\_tidak\_ada.txt' using 'open()' and read its contents. Since the file does not exist, it triggers a 'FileNotFoundError'. The code uses a try-except block to catch the error and print a message.

```
1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3 try:
4     with open("file_yang_tidak_ada.txt") as file:
5         data = file.read()
6     except FileNotFoundError:
7         print("File yang diminta tidak ditemukan!")
8
```

## 3. Mengatasi Index Error

The screenshot shows the Visual Studio Code interface with a file named `Mengatasi_IndexError.py` open. The Explorer sidebar on the left lists several files, with `Mengatasi_IndexError.py` selected. The main editor displays the following Python code:

```
1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3 list_angka = [1, 2, 3]
4
5 try:
6     value = list_angka[4]
7
8 except IndexError:
9     print("Index yang diminta melebihi jumlah elemen dalam list!")
10
```

The status bar at the bottom indicates the file is in UTF-8 encoding with CRLF line endings, using the Python interpreter at 3.10.8 64-bit. The system clock shows 22:05 on 16/05/2023.

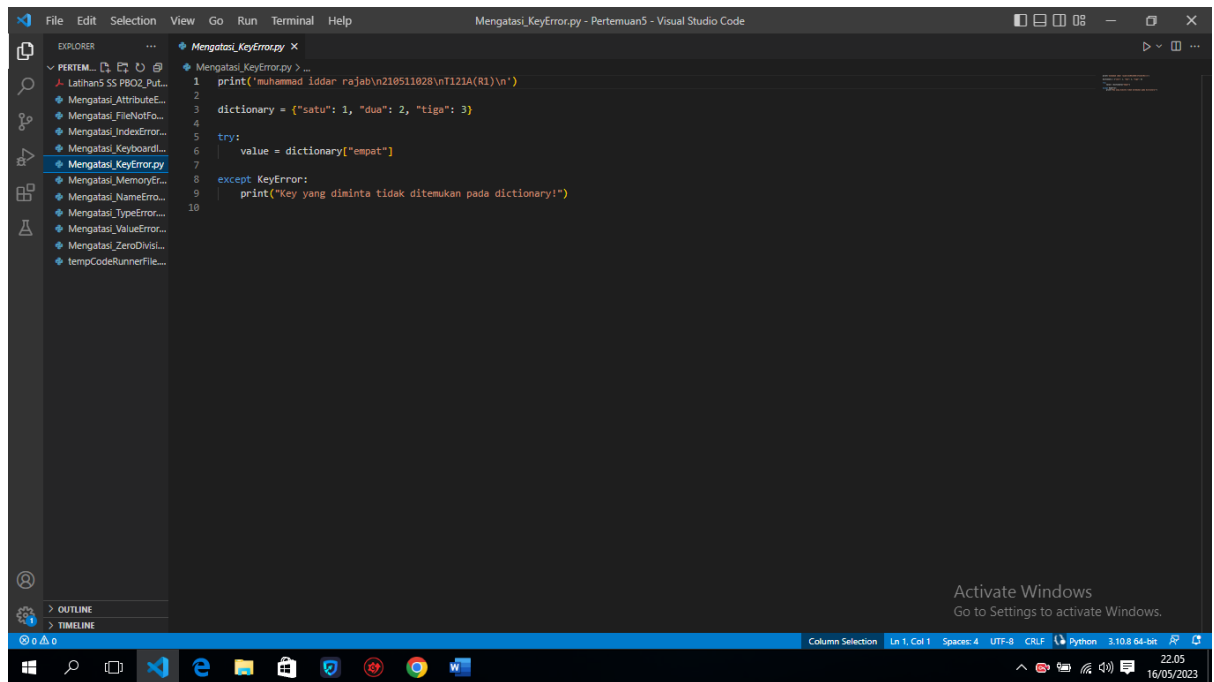
#### 4. Mengatasi Keyboard Interrupt

The screenshot shows the Visual Studio Code interface with a file named `Mengatasi_KeyboardInterrupt.py` open. The Explorer sidebar on the left lists several files, with `Mengatasi_KeyboardInterrupt.py` selected. The main editor displays the following Python code:

```
1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3 try:
4     while True:
5         pass
6 except KeyboardInterrupt:
7     print("Program dihentikan oleh pengguna!")
8
```

The status bar at the bottom indicates the file is in UTF-8 encoding with CRLF line endings, using the Python interpreter at 3.10.8 64-bit. The system clock shows 22:05 on 16/05/2023.

#### 5. Mengatasi Key Error



```
File Edit Selection View Go Run Terminal Help
Mengatasi_KeyError.py - Pertemuan5 - Visual Studio Code

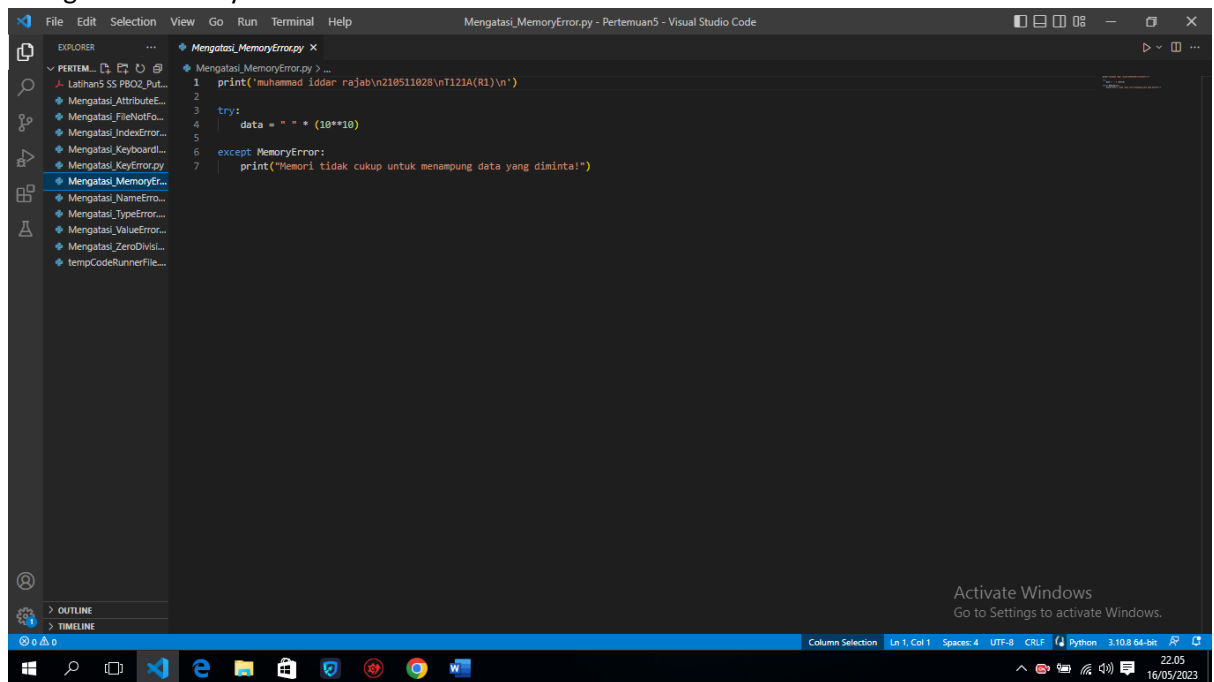
EXPLORER
PERTEM...
  Latihan5 SS PBO2 Put...
  Mengatasi_AttributeE...
  Mengatasi_FileNotFo...
  Mengatasi_IndexError...
  Mengatasi_Keyboard...
  Mengatasi_KeyError.py
  Mengatasi_MemoryEr...
  Mengatasi_NameErro...
  Mengatasi_TypeError...
  Mengatasi_ValueError...
  Mengatasi_ZeroDivisi...
  tempCodeRunnerFile...

1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3 dictionary = {"satu": 1, "dua": 2, "tiga": 3}
4
5 try:
6     value = dictionary["empat"]
7
8 except KeyError:
9     print("Key yang diminta tidak ditemukan pada dictionary!")
10
```

Activate Windows  
Go to Settings to activate Windows.

Column Selection Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit 22.05 16/05/2023

## 6. Mengatasi Memory Error



```
File Edit Selection View Go Run Terminal Help
Mengatasi_MemoryError.py - Pertemuan5 - Visual Studio Code

EXPLORER
PERTEM...
  Latihan5 SS PBO2 Put...
  Mengatasi_AttributeE...
  Mengatasi_FileNotFo...
  Mengatasi_IndexError...
  Mengatasi_Keyboard...
  Mengatasi_KeyError.py
  Mengatasi_MemoryEr...
  Mengatasi_NameErro...
  Mengatasi_TypeError...
  Mengatasi_ValueError...
  Mengatasi_ZeroDivisi...
  tempCodeRunnerFile...

1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3 try:
4     data = " " * (10**10)
5
6 except MemoryError:
7     print("Memori tidak cukup untuk menampung data yang diminta!")
```

Activate Windows  
Go to Settings to activate Windows.

Column Selection Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit 22.05 16/05/2023

## 7. Mengatasi Name Error

The screenshot shows the Visual Studio Code interface with a file named `Mengatasi_NameError.py` open. The Explorer sidebar on the left shows a project named `PERTEMUAN5` with several files, including `Mengatasi_NameError.py`. The main editor displays the following Python code:

```
1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3 try:
4     print(nama)
5
6 except NameError:
7     print("Variabel yang diminta belum didefinisikan!")
```

The status bar at the bottom indicates the file is in `UTF-8` encoding with `CRLF` line endings, using the `Python` interpreter. The Windows taskbar is visible at the bottom with the date `16/05/2023` and time `22:05`.

## 8. Mengatasi Type Error

The screenshot shows the Visual Studio Code interface with a file named `Mengatasi_TypeError.py` open. The Explorer sidebar on the left shows the same project `PERTEMUAN5` with `Mengatasi_TypeError.py` selected. The main editor displays the following Python code:

```
1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3 try:
4     x = "Hello"
5     y = x + 5
6
7 except TypeError:
8     print("Terjadi kesalahan tipe data, pastikan variabel yang digunakan sudah benar!")
9
```

The status bar at the bottom indicates the file is in `UTF-8` encoding with `CRLF` line endings, using the `Python` interpreter. The Windows taskbar is visible at the bottom with the date `16/05/2023` and time `22:05`.

## 9. Mengatasi Value Error

```
File Edit Selection View Go Run Terminal Help
Mengatasi_ValueError.py - Pertemuan5 - Visual Studio Code

EXPLORER
  PERTEM...
  Latihan5 SS PBO2_Put...
  Mengatasi_AttributeE...
  Mengatasi_FileNotFo...
  Mengatasi_IndexError...
  Mengatasi_Keyboard...
  Mengatasi_Keyboard...
  Mengatasi_MemoryEr...
  Mengatasi_NameErro...
  Mengatasi_TypeError...
  Mengatasi_ValueError...
  Mengatasi_ZeroDivisi...
  tempCodeRunnerFile...

1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3
4 try:
5     angka = int("bukan_angka")
6
7 except ValueError:
8     print("Terjadi kesalahan konversi nilai ke dalam tipe data yang diinginkan!")
9
```

Activate Windows  
Go to Settings to activate Windows.

Column Selection Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit 22.05 16/05/2023

## 10. Mengatasi Zero Division Error

```
File Edit Selection View Go Run Terminal Help
Mengatasi_ZeroDivisionError.py - Pertemuan5 - Visual Studio Code

EXPLORER
  PERTEM...
  Latihan5 SS PBO2_Put...
  Mengatasi_AttributeE...
  Mengatasi_FileNotFo...
  Mengatasi_IndexError...
  Mengatasi_Keyboard...
  Mengatasi_Keyboard...
  Mengatasi_MemoryEr...
  Mengatasi_NameErro...
  Mengatasi_TypeError...
  Mengatasi_ValueError...
  Mengatasi_ZeroDivisi...
  tempCodeRunnerFile...

1 print('muhammad iddar rajab\n210511028\nT121A(R1)\n')
2
3 try:
4     x = 10
5     y = x / 0
6
7 except ZeroDivisionError:
8     print("Terjadi kesalahan pembagian dengan nol!")
9
```

Activate Windows  
Go to Settings to activate Windows.

Column Selection Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit 22.05 16/05/2023