

# **PYTHON**

## **SOLUSI STUDI KASUS**

lembar solusi ini sebagai salah satu tugas dalam  
mata kuliah Dasar Pemrograman

**dosen pengampu**  
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**PROGRAM STUDI REKAYASA PERANGKAT LUNAK**  
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File main.py

```
import os
import andika
from andika import kucing

# Membuka dan Membaca File

file = open("./data/admin.txt", "r")
print(file.read())
file.close()

file = open("./data/admin.txt", "r")
print(file.read(10))
file.close()

with open("./data/admin.txt", "r") as file:
    print(file.read())

file = open("./data/admin.txt", "r")
print(file.readline())
file.close()

with open("./data/admin.txt", "r") as file:
    for line in file:
        print(line)

# Menulis File

with open("./data/hello.txt", "w") as file:
    file.write("Hello File!")

with open("./data/hello.txt", "w") as file:
    file.write("Halo (dalam bahasa Indonesia) File!")

with open("./data/hello.txt", "r") as file:
    print(file.read())

with open("./data/hello.txt", "a") as file:
    file.write("Hello File! v2")

with open("./data/hello.txt", "r") as file:
    print(file.read())
```

```
# Menulis File (File tidak ada)

with open("./data/append.txt", "a") as file:
    file.write("Append!")

with open("./data/append.txt", "r") as file:
    print(file.read())

# Menulis menggunakan List

with open("./data/hello.txt", "w") as file:
    lines = ["Hello\n", "World\n", "from\n", "Python\n"]
    file.writelines(lines)

with open("./data/hello.txt", "r") as file:
    print(file.read())

# Mengecek keberadaan File

is_exist = os.path.exists("./data/hello.txt")

if is_exist:
    print("File ada")
else:
    print("File tidak ada")

is_file = os.path.isfile("./data/hello.txt")

if is_file:
    print("ini adalah file")
else:
    print("ini bukan file atau file tidak ada")

# File dan List
file_path = "./data/file_list.txt"

if os.path.exists(file_path):
    with open(file_path, "r") as file:
        lines = file.readlines()

    list_data = []
    for line in lines:
        list_data.append(line.strip().split())
```

```

        for item in list_data:
            print(item)
    else:
        print(f"Maaf file untuk {file_path} tidak ditemukan")

list_buah = ["mangga", "strawberry", "pisang", "anggur",
            "salak", "apel", "jeruk", "semangka", "durian"]

with open("./data/list_to_file.txt", "w") as file:
    file.write(" ".join(list_buah))

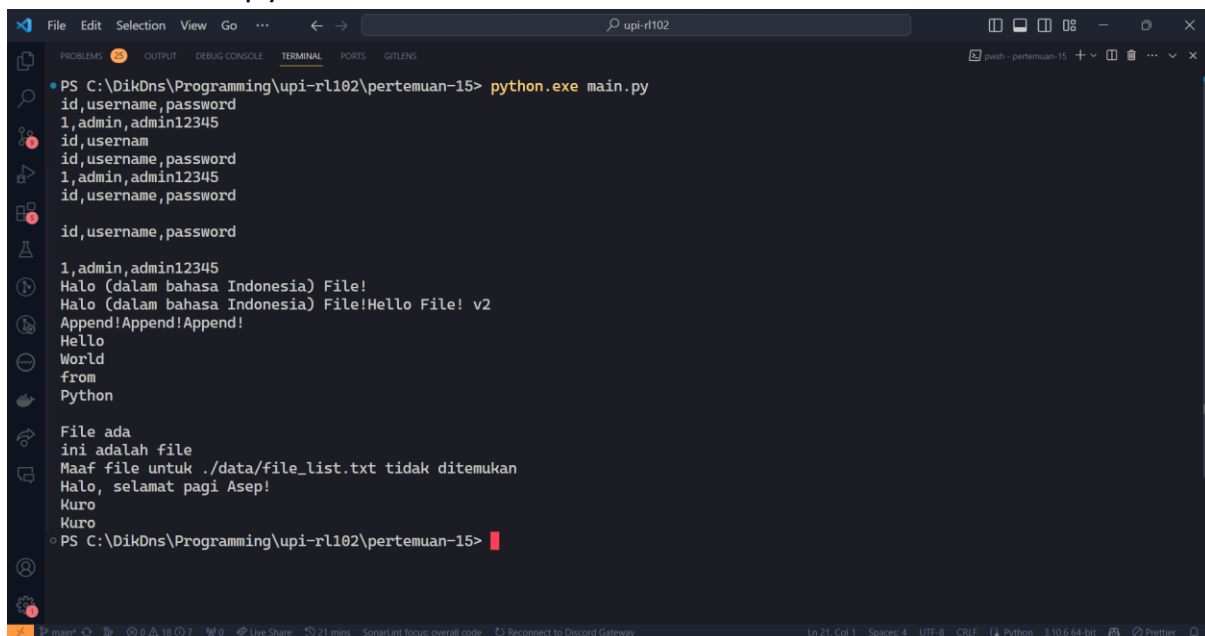
# Import Module
andika.sapa("Asep")
peliharaan = andika.kucing("nama")

print(peliharaan)

peliharaan = kucing("nama")
print(peliharaan)

```

## Terminal main.py



```

PS C:\DikDns\Programming\upi-rl102\pertemuan-15> python.exe main.py
id,username,password
1,admin,admin12345
id,username
id,username,password
1,admin,admin12345
id,username,password
id,username,password
1,admin,admin12345
Halo (dalam bahasa Indonesia) File!
Halo (dalam bahasa Indonesia) File!Hello File! v2
Append!Append!Append!
Hello
World
from
Python

File ada
ini adalah file
Maaf file untuk ./data/file_list.txt tidak ditemukan
Halo, selamat pagi Asep!
Kuro
Kuro
PS C:\DikDns\Programming\upi-rl102\pertemuan-15>

```

File andika.py

```
def sapa(nama):  
    print(f'Halo, selamat pagi {nama}!')  
  
kucing = {  
    "nama": "Kuro",  
    "umur": 2.5,  
    "jenis_kelamin": "Jantan",  
    "warna": ["hitam", "putih"]  
}
```