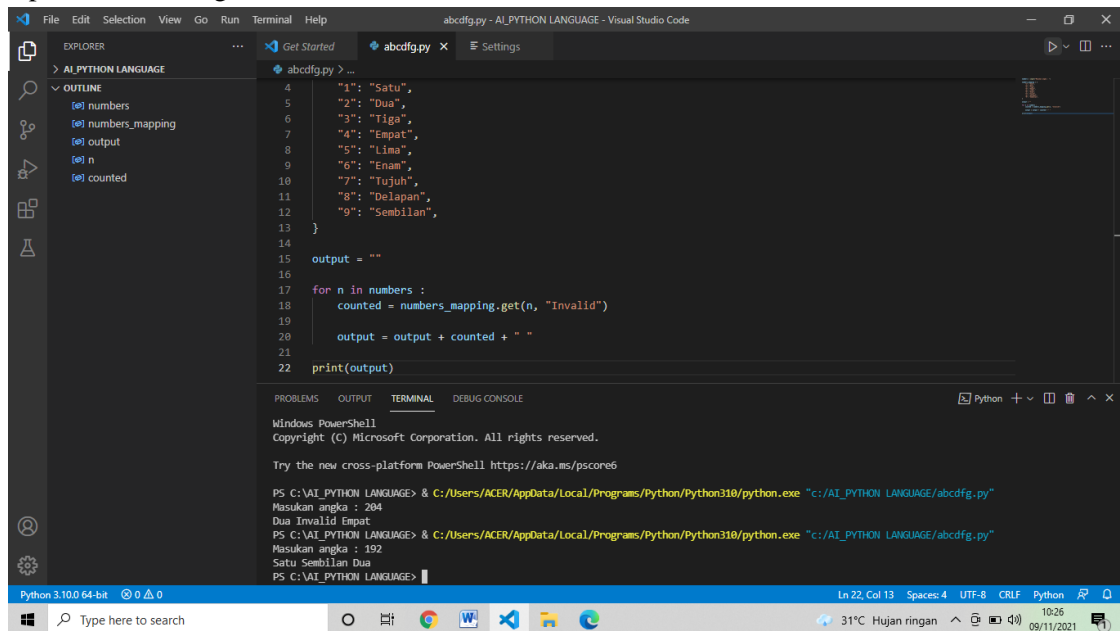


Nama: Ade Lilis Aprianti

Nim: 20.01.013.048

Kelas: AI-B

1. Aplikasi Terbilang



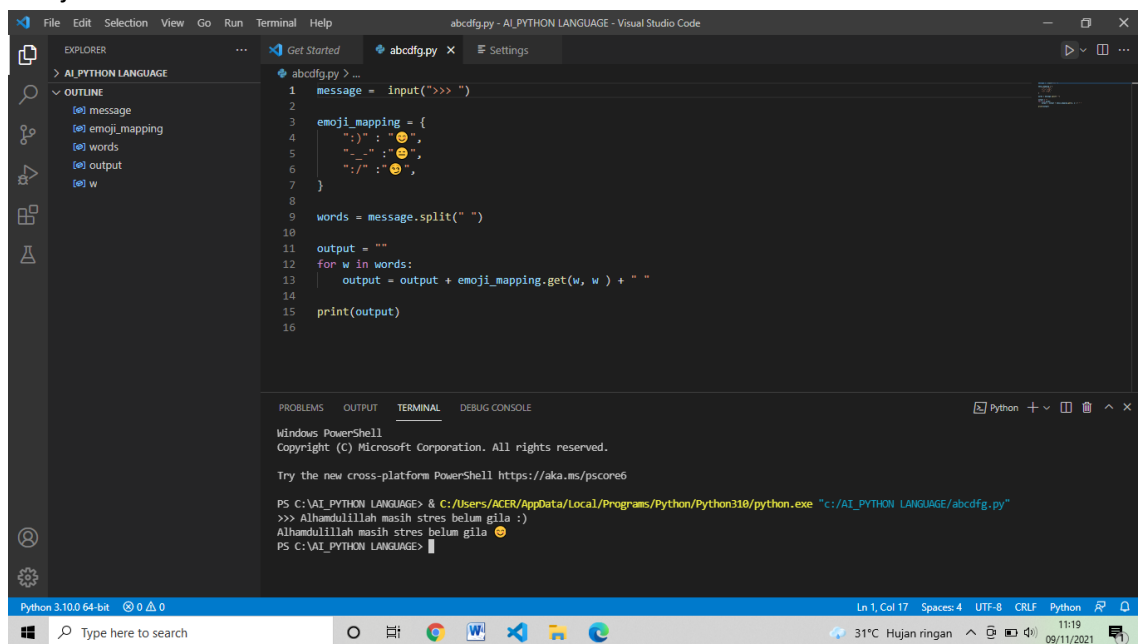
```
4  "1": "Satu",
5  "2": "Dua",
6  "3": "Tiga",
7  "4": "Empat",
8  "5": "Lima",
9  "6": "Enam",
10 "7": "Tujuh",
11 "8": "Delapan",
12 "9": "Sembilan",
13 }
14
15 output = ""
16
17 for n in numbers :
18     counted = numbers_mapping.get(n, "Invalid")
19
20     output = output + counted + " "
21
22 print(output)
```

Windows PowerShell
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/abcfg.py"
Masukan angka : 204
Dua Invalid Empat
PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/abcfg.py"
Masukan angka : 192
Satu Sembilan Dua
PS C:\AI_PYTHON LANGUAGE>

2. Emoji Converter



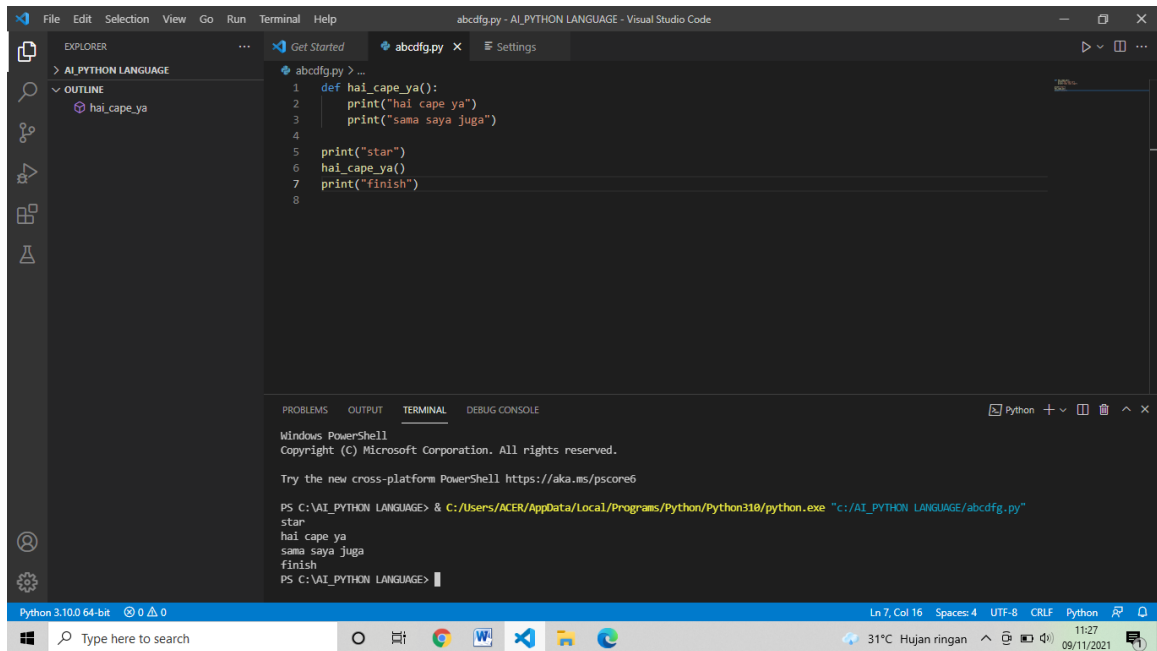
```
1 message = input(">>> ")
2
3 emoji_mapping = {
4     ":)" : "😊",
5     "-_-": "😓",
6     ":/" : "😓",
7 }
8
9 words = message.split(" ")
10
11 output = ""
12 for w in words:
13     output = output + emoji_mapping.get(w, w) + " "
14
15 print(output)
```

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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/abcfg.py"
>>> Alhamdulillah masih stres belum gila :)
Alhamdulillah masih stres belum gila 😓
PS C:\AI_PYTHON LANGUAGE>

3. Fungsi



The screenshot shows the Visual Studio Code interface with a Python file named `abcfg.py` open. The Explorer panel on the left shows the file structure. The main editor displays the following Python code:

```
1 def hai_cape_ya():
2     print("hai cape ya")
3     print("sama saya juga")
4
5 print("star")
6 hai_cape_ya()
7 print("finish")
8
```

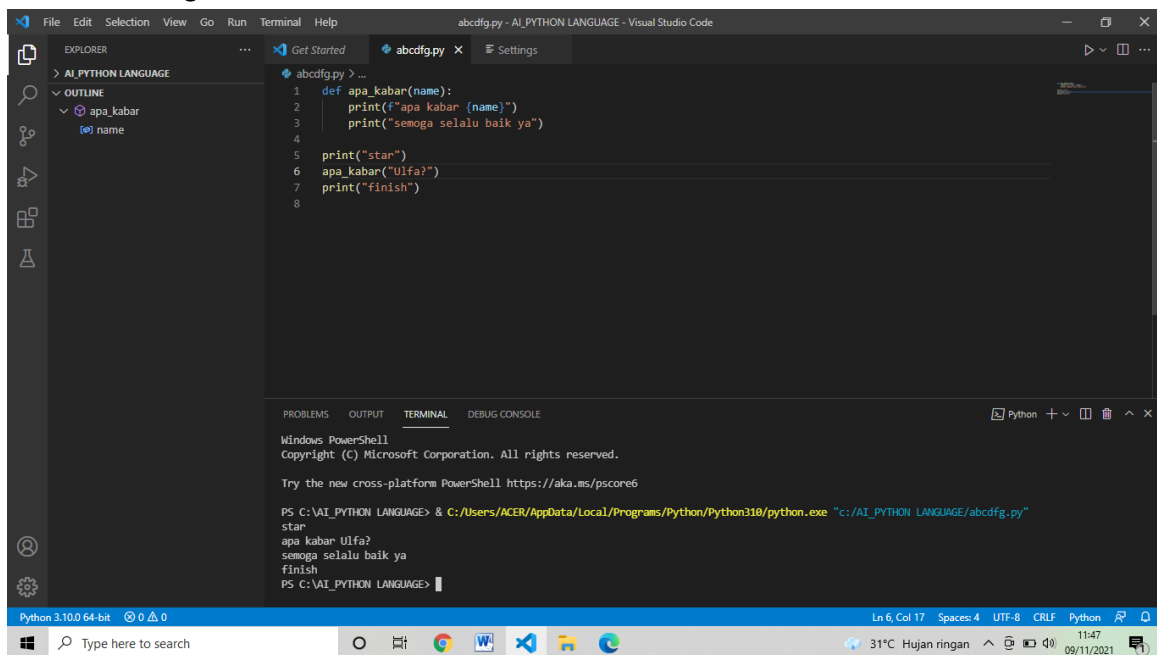
The Terminal panel at the bottom shows the output of running the script using PowerShell:

```
Windows PowerShell
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/abcfg.py"
star
hai cape ya
sama saya juga
finish
PS C:\AI_PYTHON LANGUAGE>
```

4. Parameter Fungsi



The screenshot shows the Visual Studio Code interface with a Python file named `abcfg.py` open. The Explorer panel on the left shows the file structure. The main editor displays the following Python code:

```
1 def apa_kabar(name):
2     print(f"apa kabar {name}")
3     print("semoga selalu baik ya")
4
5 print("star")
6 apa_kabar("Ulfa?")
7 print("finish")
8
```

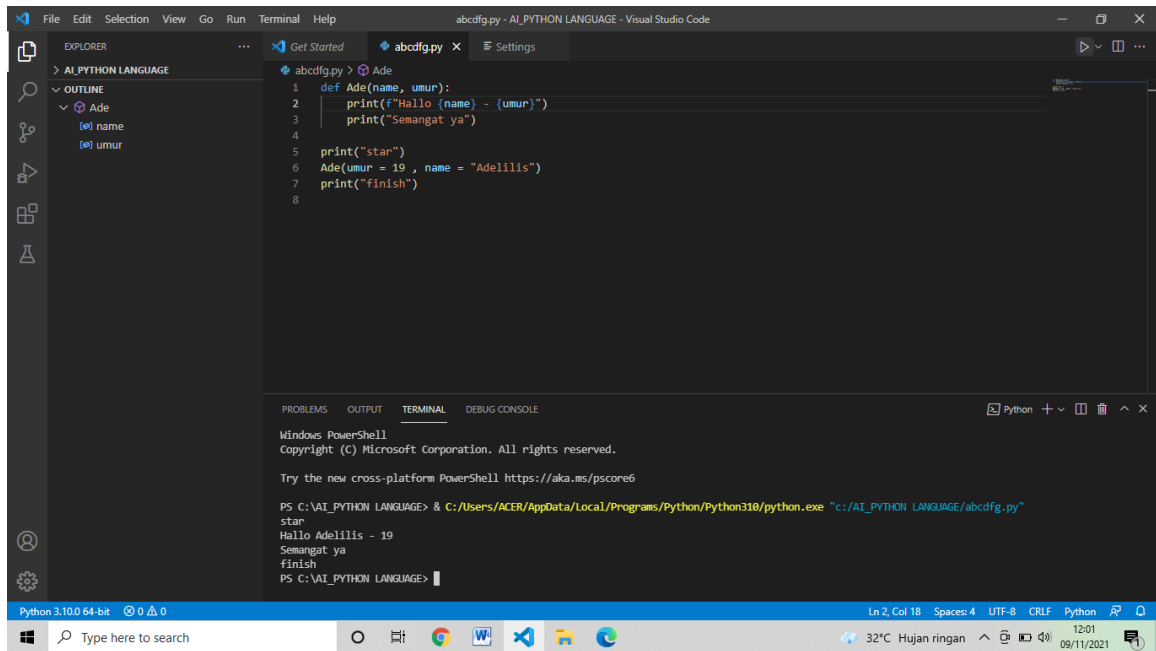
The Terminal panel at the bottom shows the output of running the script using PowerShell:

```
Windows PowerShell
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/abcfg.py"
star
apa kabar Ulfa?
semoga selalu baik ya
finish
PS C:\AI_PYTHON LANGUAGE>
```

5. Keyword Argument



The screenshot shows the Visual Studio Code interface with a Python file named `abcdfg.py`. The code defines a function `Ade` that takes `name` and `umur` as arguments. It prints a greeting and a motivational message. The function is called with keyword arguments: `Ade(umur = 19, name = "Adellilis")`. The terminal output shows the execution results.

```
1 def Ade(name, umur):
2     print(f"Hallo {name} - {umur}")
3     print("Semangat ya")
4
5 print("star")
6 Ade(umur = 19, name = "Adellilis")
7 print("finish")
8
```

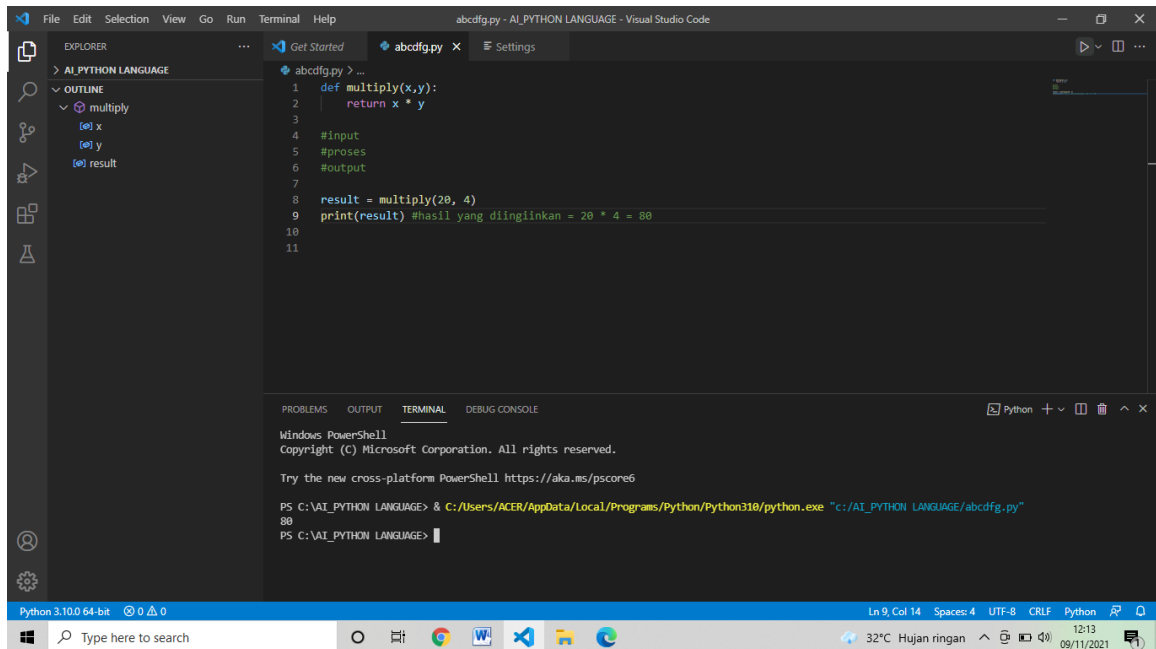
Terminal Output:

```
Windows PowerShell
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/abcdfg.py"
star
Hallo Adellilis - 19
Semangat ya
finish
PS C:\AI_PYTHON LANGUAGE>
```

6. Return Value



The screenshot shows the Visual Studio Code interface with a Python file named `abcdfg.py`. The code defines a function `multiply` that takes `x` and `y` as arguments and returns their product. The function is called with `multiply(20, 4)` and the result is printed. The terminal output shows the execution results.

```
1 def multiply(x,y):
2     return x * y
3
4 #input
5 #proses
6 #output
7
8 result = multiply(20, 4)
9 print(result) #hasil yang diinginkan = 20 * 4 = 80
10
11
```

Terminal Output:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/abcdfg.py"
80
PS C:\AI_PYTHON LANGUAGE>
```