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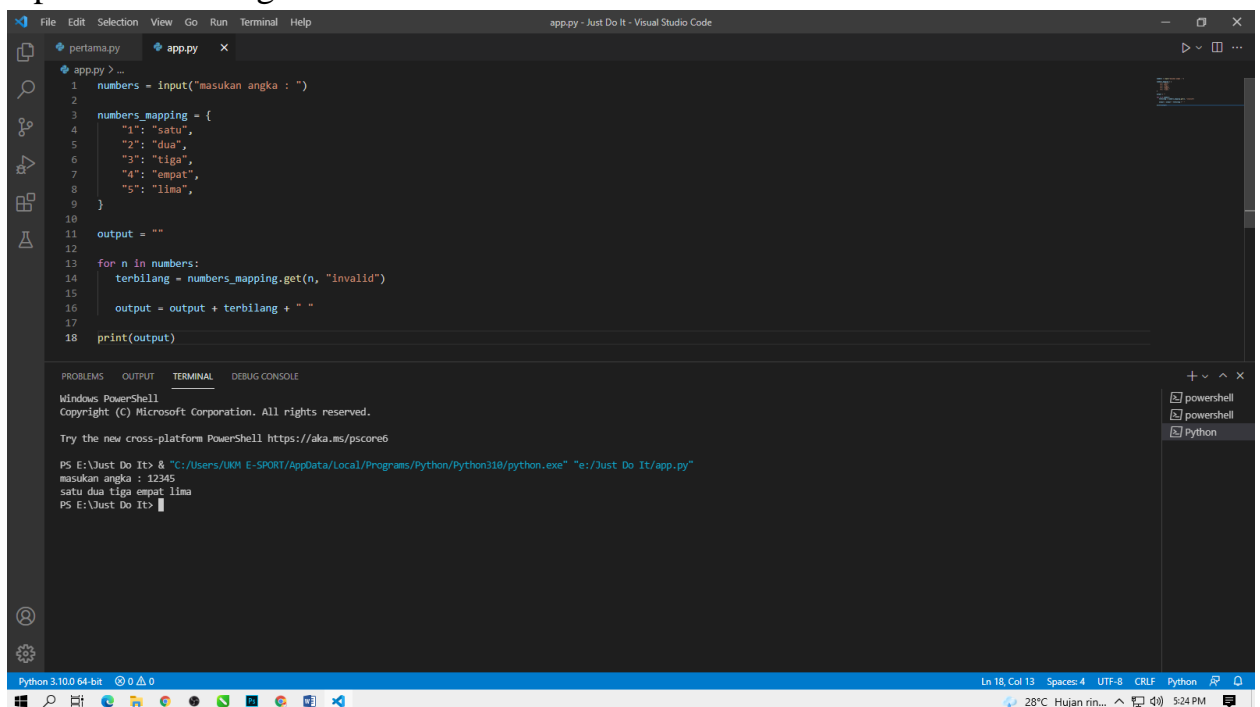
Nim : 20.01.013.020

Kelas : Teknik Informatika B

MK : Kecerdasan Buatan

TUGAS :

1. Aplikasi terbilang



The screenshot shows a Visual Studio Code editor with a Python file named 'app.py'. The code defines a dictionary mapping numbers 1 to 5 to their Indonesian words ('satu', 'dua', 'tiga', 'empat', 'lima'). It then takes user input, checks if it's a valid number, and prints the corresponding word. The terminal window shows the command prompt running the script, entering '12345', and receiving the output 'satu dua tiga empat lima'.

```
File Edit Selection View Go Run Terminal Help
app.py - Just Do It - Visual Studio Code

pertama.py x
app.py > ...
1 numbers = input("masukan angka : ")
2
3 numbers_mapping = {
4     "1": "satu",
5     "2": "dua",
6     "3": "tiga",
7     "4": "empat",
8     "5": "lima",
9 }
10
11 output = ""
12
13 for n in numbers:
14     terbilang = numbers_mapping.get(n, "invalid")
15
16     output = output + terbilang + " "
17
18 print(output)
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

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

PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"
masukan angka : 12345
satu dua tiga empat lima
PS E:\Just Do It>

Python 3.10.0 64-bit 0 0 0 Ln 18, Col 13 Spaces 4 UTF-8 CRLF Python

28°C Hujan rin... 5:24 PM

2. Emoji converter

The screenshot shows a Visual Studio Code editor with a Python file named `app.py` open. The code defines a dictionary `emoji_mapping` and a function that processes a message by splitting it into words and replacing certain characters with emojis. The terminal at the bottom shows the command `python app.py` being executed, and the output displays the message with the replacements: `hallo nama saya arif annursida` becomes `👋🏻 🌧️ hallo nama saya arif annursida`.

```

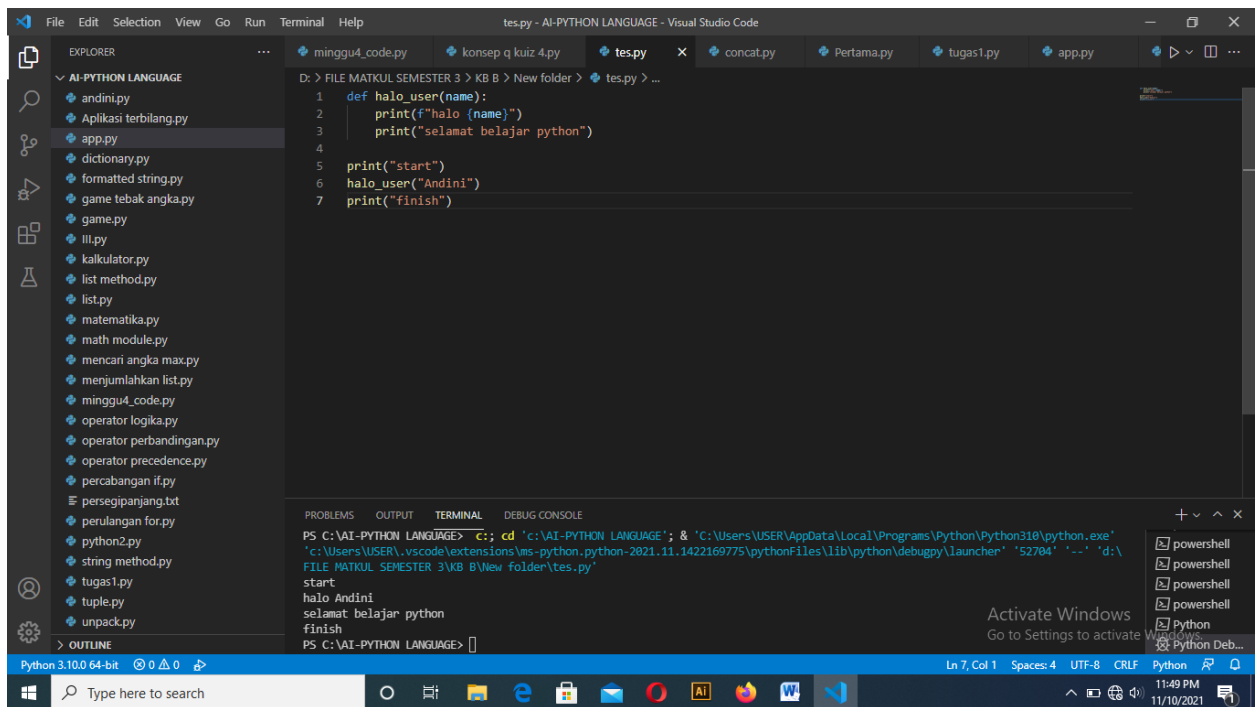
1 message = input(">>> ")
2
3 emoji_mapping = {
4     "j": "👋🏻",
5     "d": "🌧️",
6     "i": "👋🏻",
7 }
8
9 word = message.split(" ")
10
11 output = ""
12 for w in word:
13     output = output + emoji_mapping.get(w, w) + " "
14
15 print(output)

```

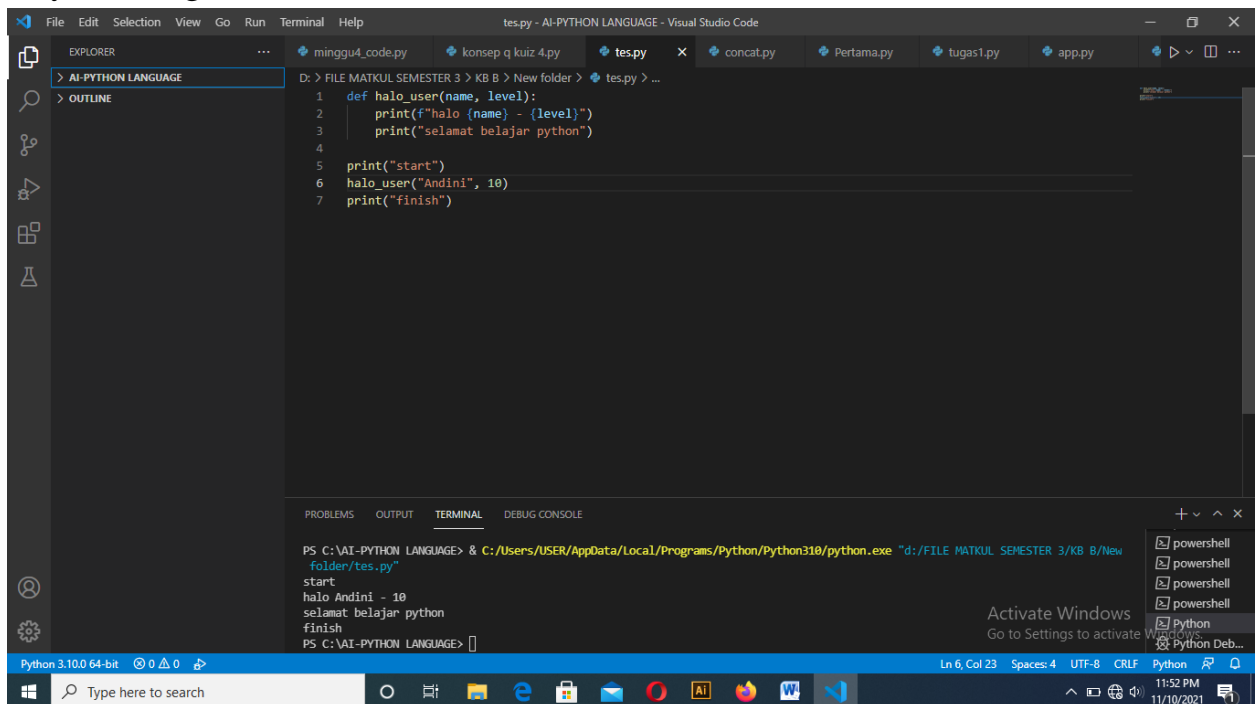
```

PS E:\Just Do It> "C:\Users\UKM\AppData\Local\Programs\Python\Python310\python.exe" "e:\Just Do It\app.py"
>>> :D :) hallo nama saya arif annursida
👋🏻 🌧️ hallo nama saya arif annursida
PS E:\Just Do It>

```



5. Keyword argument



6. Return value

