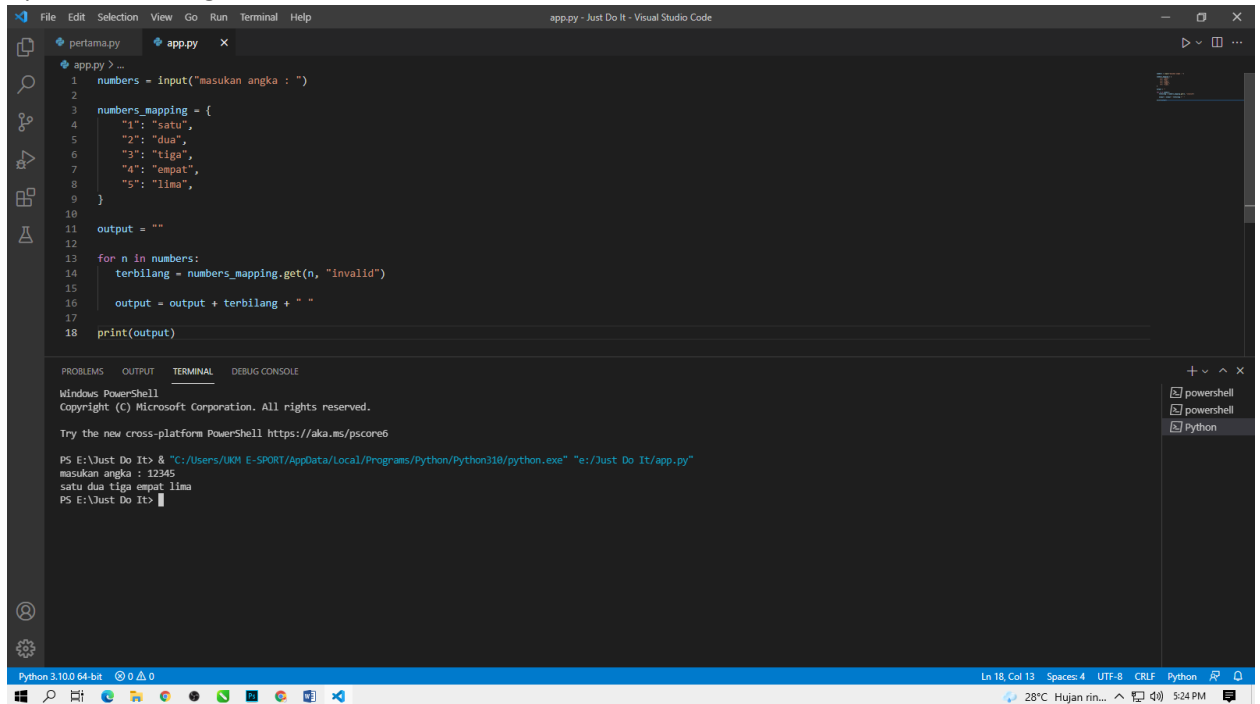


NAMA : ARIF ANNURSIDA

KELAS : AI-B

NIM : 20.01.013.045

1. Aplikasi Terbilang



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

pertama.py app.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     output = output + terbilang + " "
16
17 print(output)
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

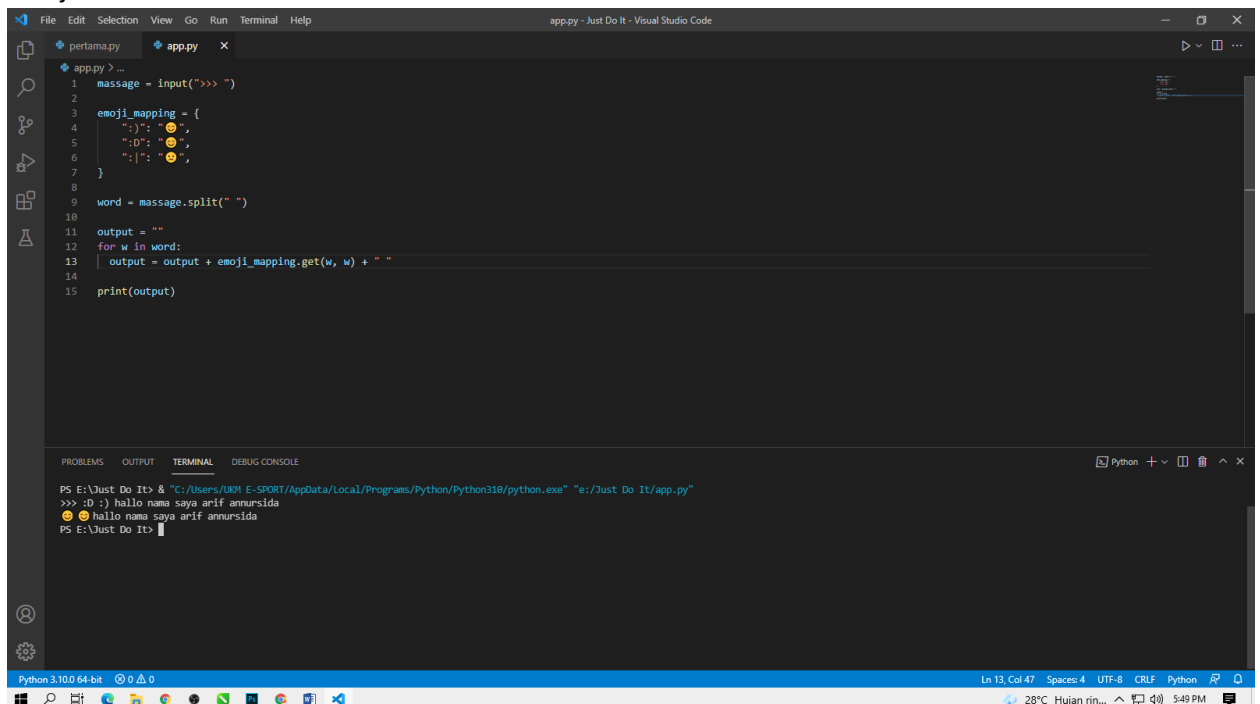
Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python318/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



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

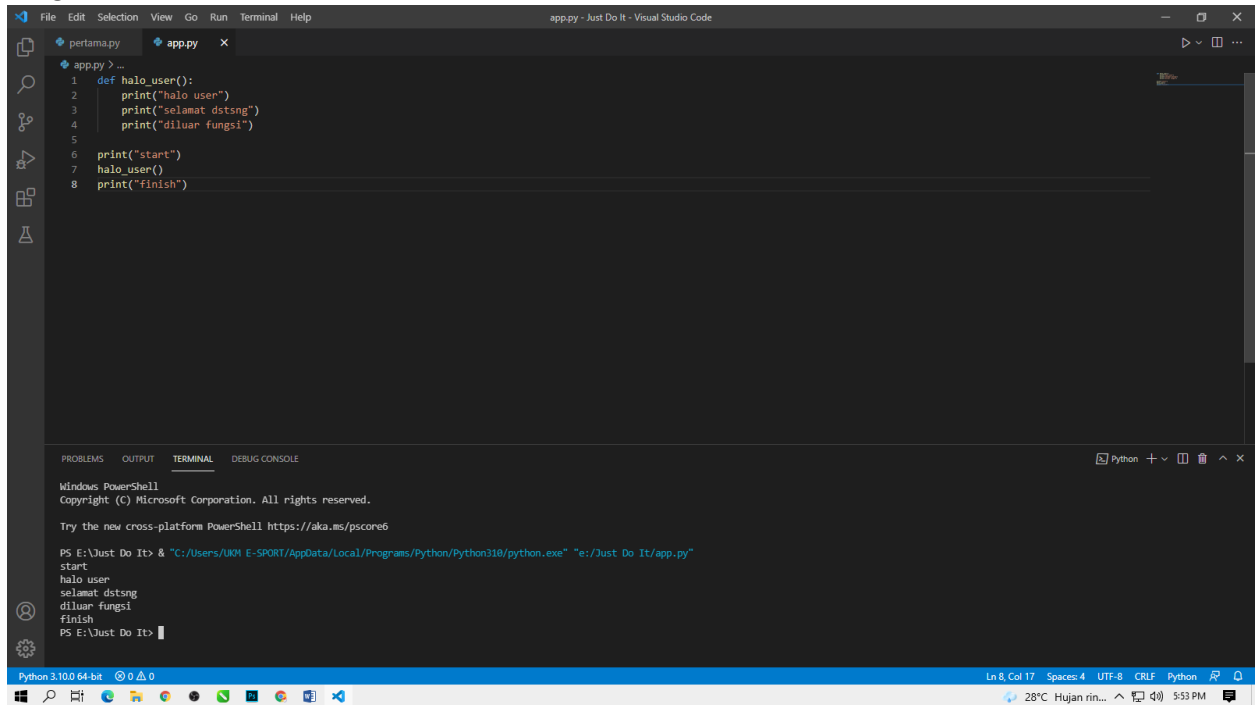
pertama.py app.py x
app.py > ...
1 message = input(">>> ")
2
3 emoji_mapping = {
4     "(": "😄",
5     "0": "😬",
6     "|": "😏",
7 }
8
9 word = message.split(" ")
10
11 output = ""
12 for w in word:
13     output = output + emoji_mapping.get(w, w) + " "
14
15 print(output)
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python318/python.exe" "e:/Just Do It/app.py"
>>> :D :) hallo nama saya arif annursida
😄 😬 hallo nama saya arif annursida
PS E:\Just Do It>

Python 3.10.0 64-bit 0 0 0 Ln 13, Col 47 Spaces 4 UTF-8 CRLF Python 28°C Hujan rin... 5:49 PM

3. Fungsi



The screenshot shows the Visual Studio Code editor with a file named `app.py` open. The code defines a function `halo_user()` and calls it. The terminal shows the output of the script.

```
app.py > ...
1 def halo_user():
2     print("halo user")
3     print("selamat dstng")
4     print("diluor fungsi")
5
6 print("start")
7 halo_user()
8 print("finish")
```

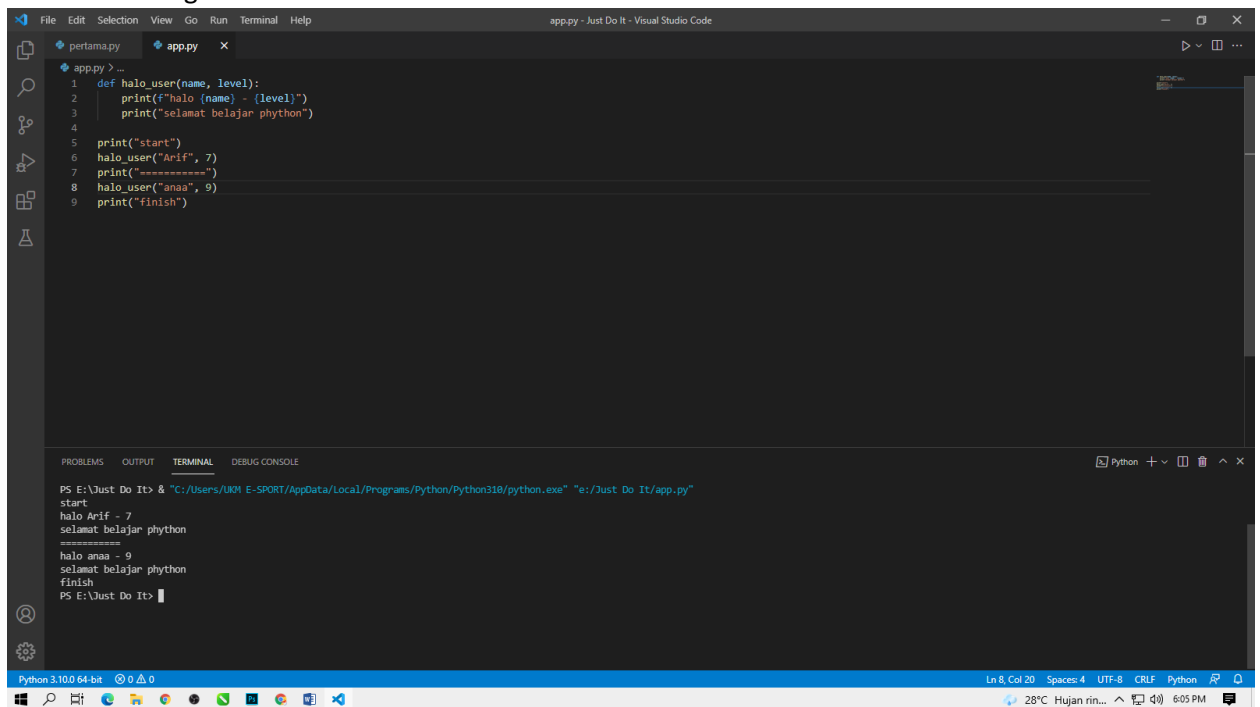
Terminal Output:

```
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"
start
halo user
selamat dstng
diluor fungsi
finish
PS E:\Just Do It>
```

4. Parameter Fungsi



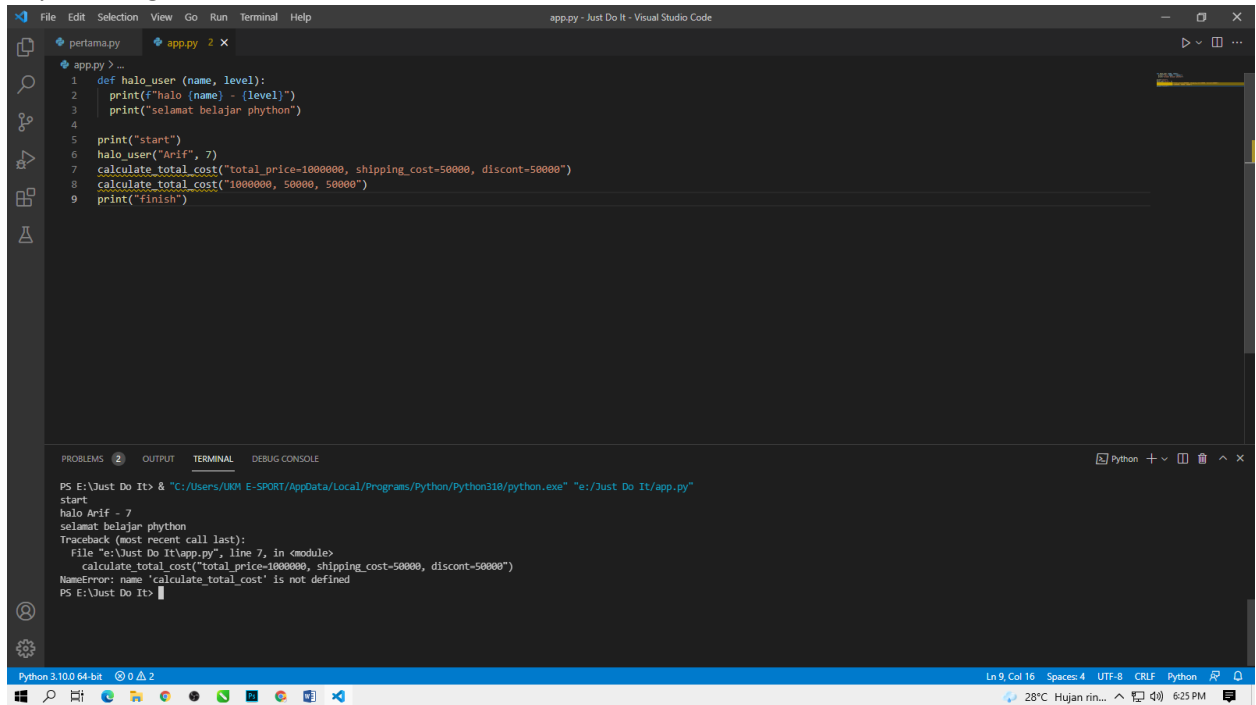
The screenshot shows the Visual Studio Code editor with a file named `app.py` open. The code defines a function `halo_user(name, level)` and calls it with parameters. The terminal shows the output of the script.

```
app.py > ...
1 def halo_user(name, level):
2     print(f"halo {name} - {level}")
3     print("selamat belajar python")
4
5 print("start")
6 halo_user("Arif", 7)
7 print("=====")
8 halo_user("anaa", 9)
9 print("finish")
```

Terminal Output:

```
PS E:\Just Do It> "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"
start
halo Arif - 7
selamat belajar python
=====
halo anaa - 9
selamat belajar python
finish
PS E:\Just Do It>
```

5. Keyword Argument



The screenshot shows a Visual Studio Code editor with a file named `app.py` open. The code defines a function `halo_user` and calls it with `halo_user("Arif", 7)`. It also defines a function `calculate_total_cost` and calls it with `calculate_total_cost("total_price=1000000, shipping_cost=50000, discount=50000")`. The terminal output shows the execution of the script, which results in a `NameError: name 'calculate_total_cost' is not defined` because the function is not yet defined when it is called.

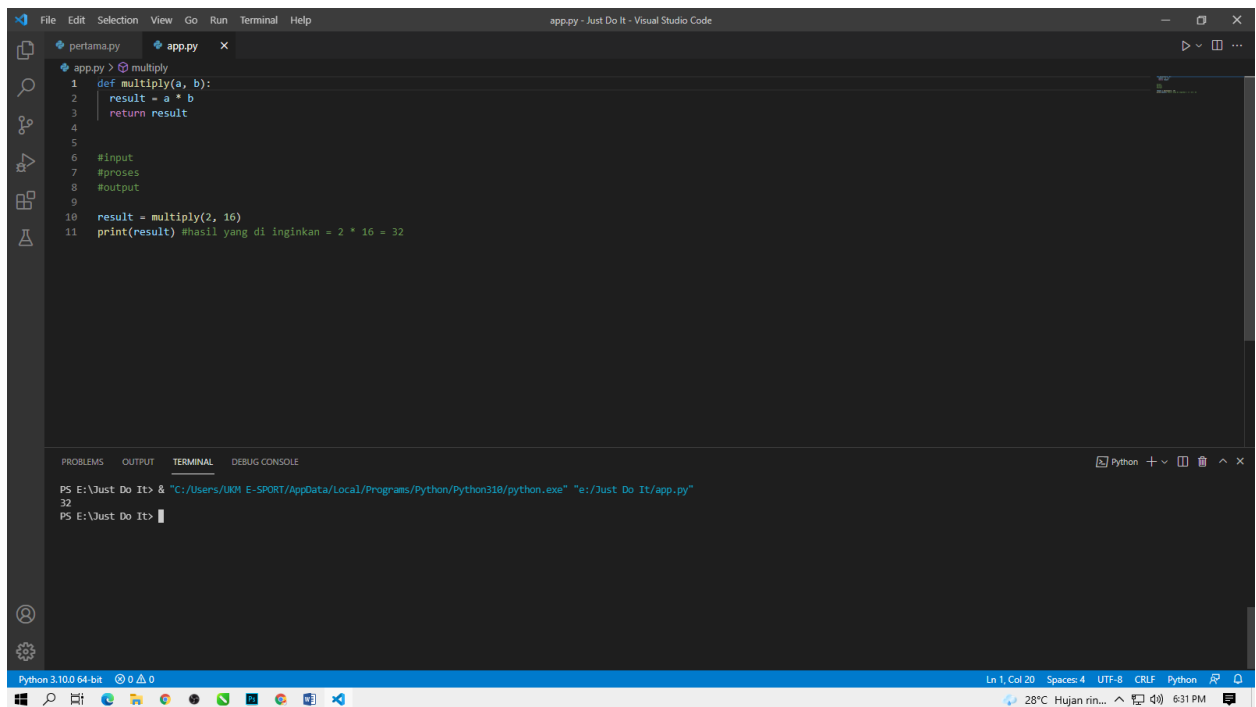
```
File Edit Selection View Go Run Terminal Help
app.py - Just Do It - Visual Studio Code

pertamapy app.py 2 x
app.py > ...
1 def halo_user (name, level):
2     print(f"halo {name} - {level}")
3     print("selamat belajar python")
4
5 print("start")
6 halo_user("Arif", 7)
7 calculate_total_cost("total_price=1000000, shipping_cost=50000, discount=50000")
8 calculate_total_cost("1000000, 50000, 50000")
9 print("finish")

PROBLEMS 2 OUTPUT TERMINAL DEBUG CONSOLE
Python + - [ ] [x] [^] [v]

PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"
start
halo Arif - 7
selamat belajar python
Traceback (most recent call last):
  File "e:/Just Do It/app.py", line 7, in <module>
    calculate_total_cost("total_price=1000000, shipping_cost=50000, discount=50000")
NameError: name 'calculate_total_cost' is not defined
PS E:\Just Do It>
```

6. Return Value



The screenshot shows a Visual Studio Code editor with a file named `app.py` open. The code defines a function `multiply` that takes two arguments `a` and `b`, calculates the product, and returns it. The function is then called with `multiply(2, 16)` and the result is printed. The terminal output shows the execution of the script, which prints the result `32`.

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

pertamapy app.py x
app.py > multiply
1 def multiply(a, b):
2     result = a * b
3     return result
4
5
6 #input
7 #proses
8 #output
9
10 result = multiply(2, 16)
11 print(result) #hasil yang di inginkan = 2 * 16 = 32

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python + - [ ] [x] [^] [v]

PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/app.py"
32
PS E:\Just Do It>
```