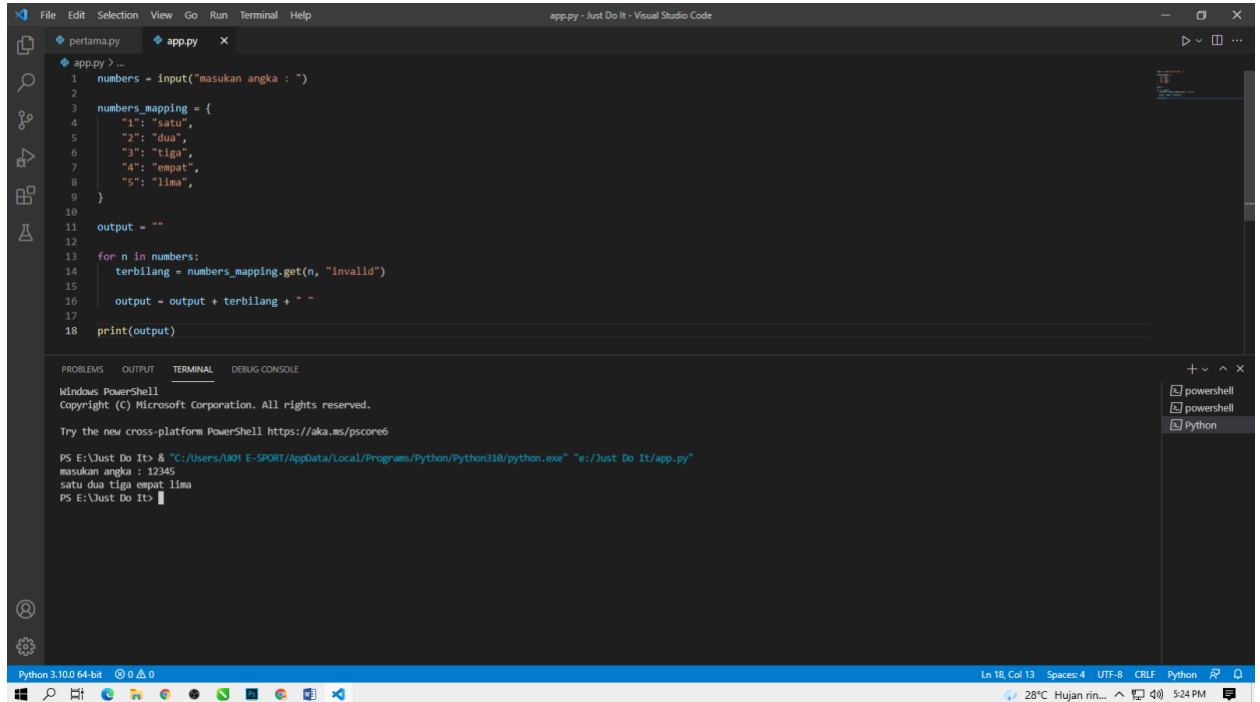


NAMA : VIRNA FEBRI ANDINI

KELAS : KECERDASAN BUATAN B

NIM : 20.01.013.017

1. Aplikasi Terbilang



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

pertama.py app.py x
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

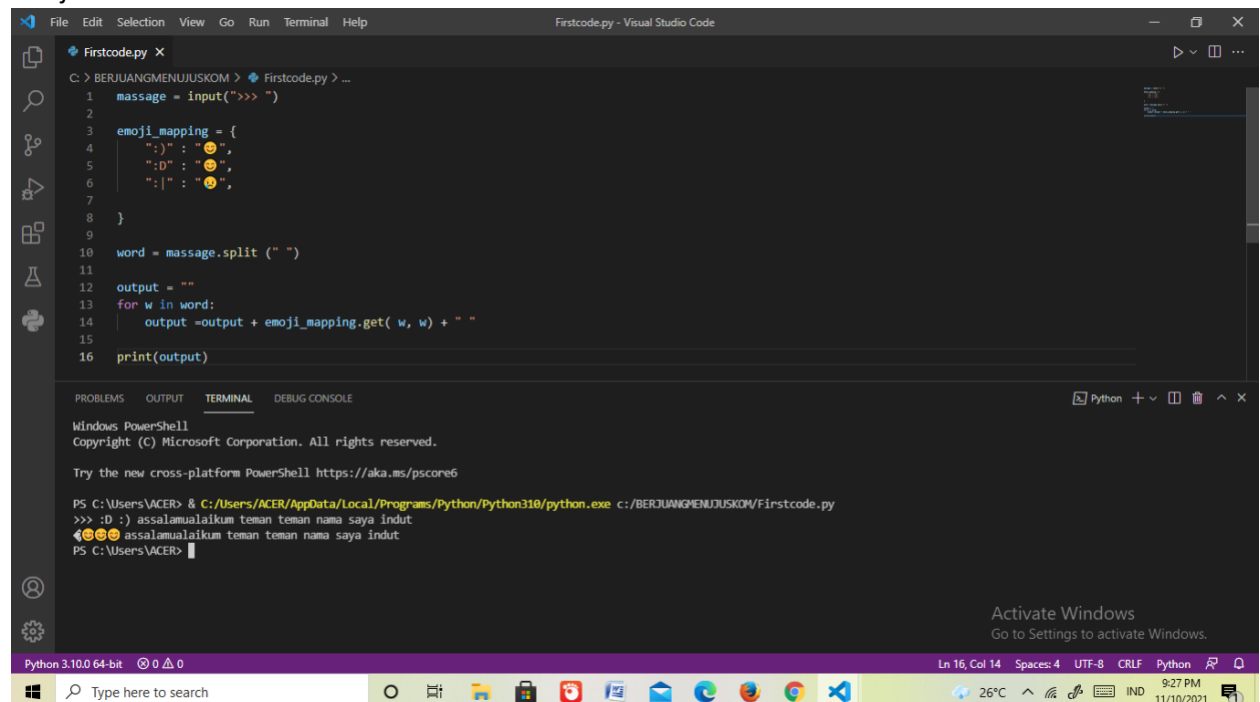
Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS E:\Just Do It> & "C:/Users/URNI 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



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

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

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

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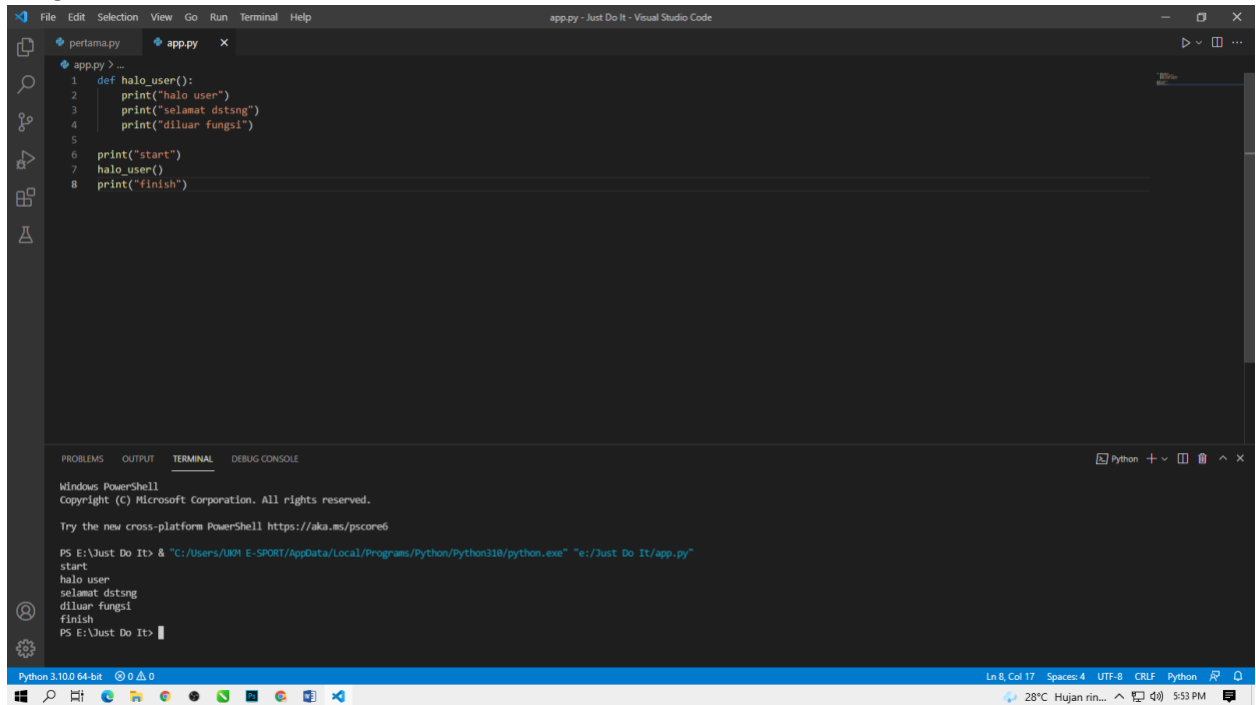
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/BERJUANGMENJUJUSKOM/Firstcode.py
>>> :D :) assalamualaikum teman teman nama saya indut
😊😄😊 assalamualaikum teman teman nama saya indut
PS C:\Users\ACER>

Activate Windows
Go to Settings to activate Windows.

Python 3.10.0 64-bit 0 0 0 Ln 16, Col 14 Spaces: 4 UTF-8 CRLF Python 26°C 9:27 PM 11/10/2021

3. Fungsi



The screenshot shows the Visual Studio Code editor with a file named `app.py` open. The code defines a function `halo_user()` that prints three lines: `"halo user"`, `"selamat dstng"`, and `"diluor fungsi"`. Below the function definition, the script prints `"start"`, calls `halo_user()`, and prints `"finish"`. The terminal at the bottom shows the command `python.exe "e:/Just Do It/app.py"` being executed, resulting in the output: `start`, `halo user`, `selamat dstng`, `diluor fungsi`, and `finish`.

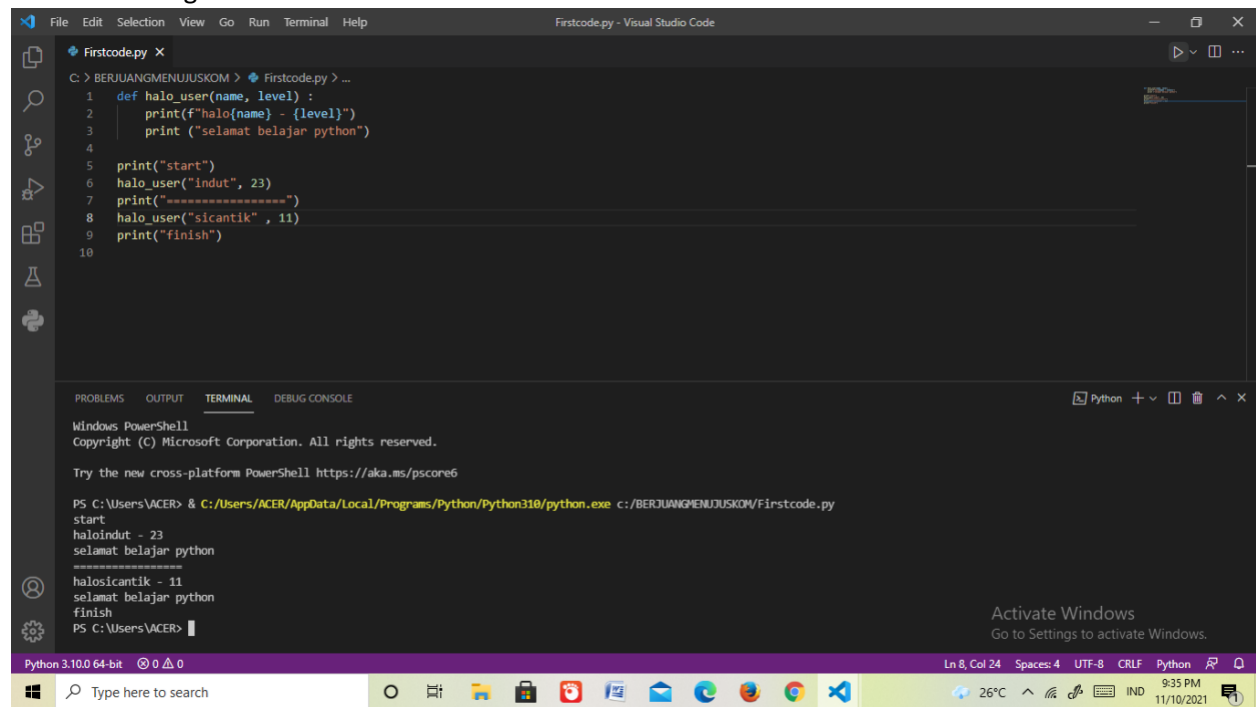
```
app.py > ...
1 def halo_user():
2     print("halo user")
3     print("selamat dstng")
4     print("diluor fungsi")
5
6 print("start")
7 halo_user()
8 print("finish")
```

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

PS E:\Just Do It> "C:/Users/UKH 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 `Firstcode.py` open. The code defines a function `halo_user(name, level)` that prints three lines: `f"halo{name} - {level}"`, `"selamat belajar python"`, and `"finish"`. Below the function definition, the script prints `"start"`, calls `halo_user("indut", 23)`, prints `"====="`, calls `halo_user("siccantik", 11)`, and prints `"finish"`. The terminal at the bottom shows the command `python.exe c:/BERJUANGMENJUJUSKOM/Firstcode.py` being executed, resulting in the output: `start`, `haloindut - 23`, `selamat belajar python`, `=====`, `halosiccantik - 11`, `selamat belajar python`, and `finish`.

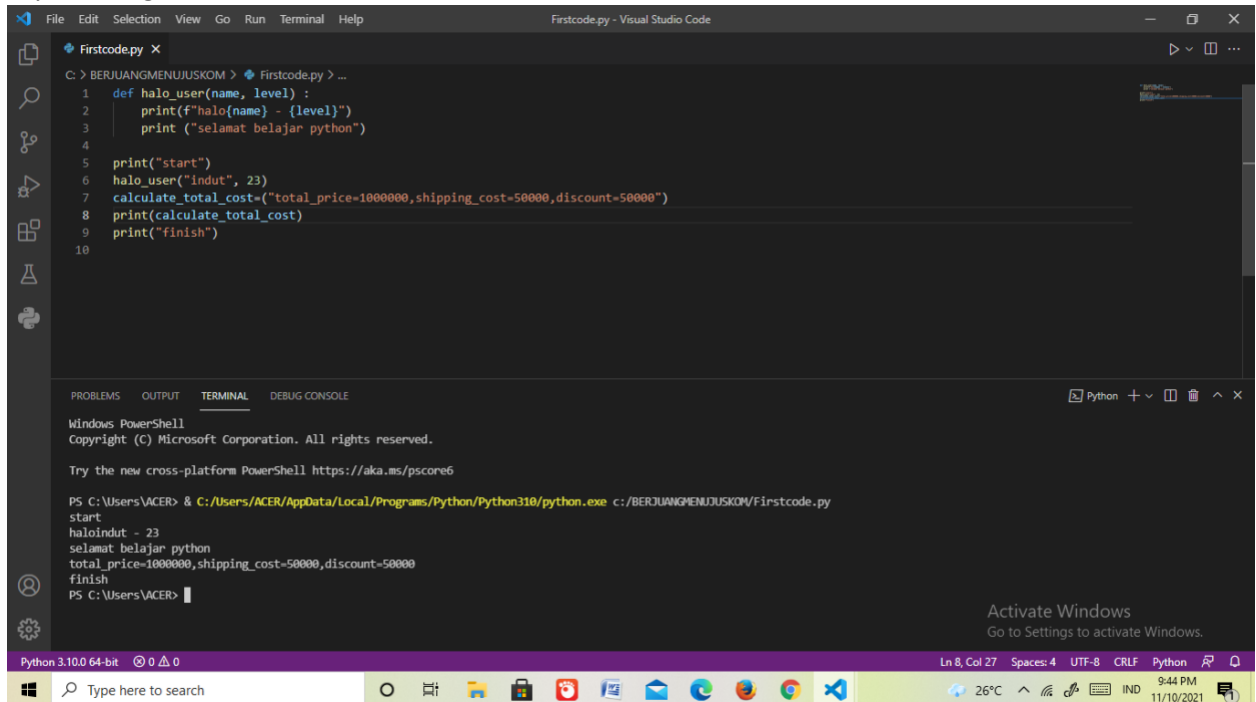
```
Firstcode.py > ...
1 def halo_user(name, level) :
2     print(f"halo{name} - {level}")
3     print ("selamat belajar python")
4
5 print("start")
6 halo_user("indut", 23)
7 print("=====")
8 halo_user("siccantik", 11)
9 print("finish")
10
```

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/BERJUANGMENJUJUSKOM/Firstcode.py
start
haloindut - 23
selamat belajar python
=====
halosiccantik - 11
selamat belajar python
finish
PS C:\Users\ACER>
```

5. Keyword Argument



The screenshot shows a Visual Studio Code editor with a file named `Firstcode.py`. The code defines a function `halo_user` that takes `name` and `level` as arguments. It prints a greeting and a message. The function is called with keyword arguments: `halo_user(name="indut", level=23)`. The terminal shows the output of the script.

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

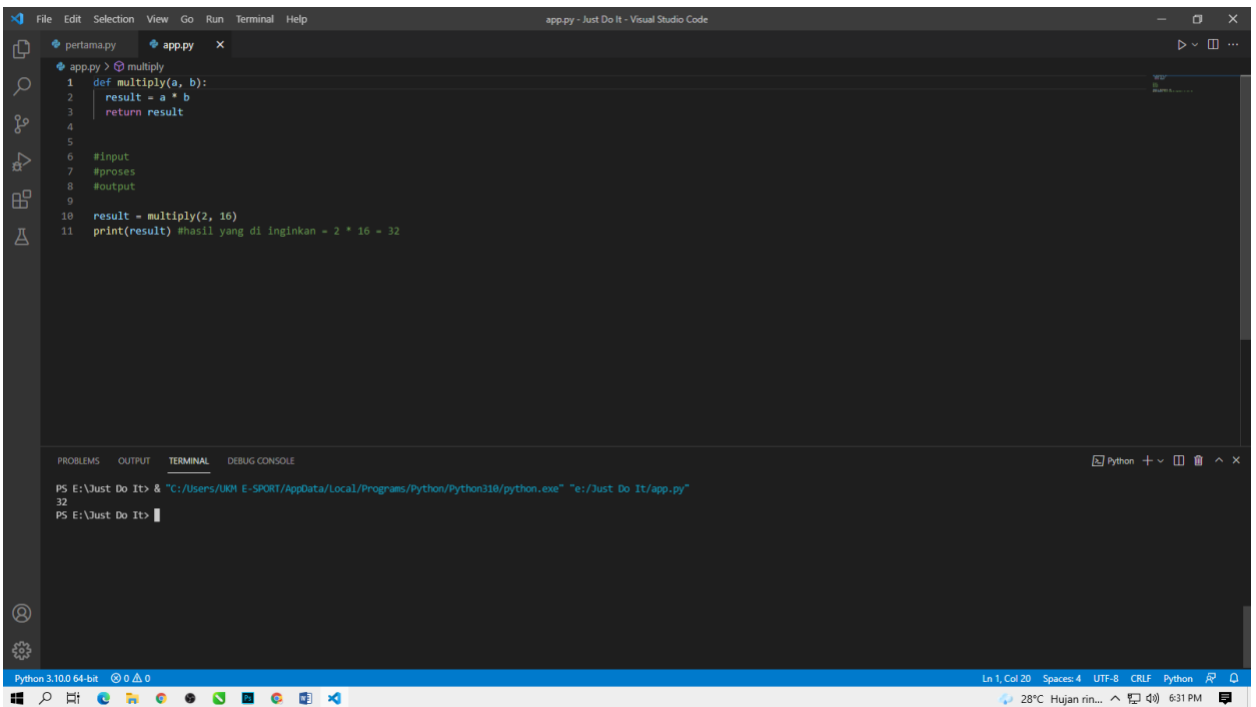
C: > BERJUANGMENJUJUSKOM > Firstcode.py > ...
1 def halo_user(name, level):
2     print(f"halo{name} - {level}")
3     print ("selamat belajar python")
4
5 print("start")
6 halo_user("indut", 23)
7 calculate_total_cost=1000000,shipping_cost=50000,discount=50000
8 print(calculate_total_cost)
9 print("finish")
10

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
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PS C:\Users\VACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/BERJUANGMENJUJUSKOM/Firstcode.py
start
haloindut - 23
selamat belajar python
total_price=1000000,shipping_cost=50000,discount=50000
finish
PS C:\Users\VACER>
```

6. Return Value



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

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

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