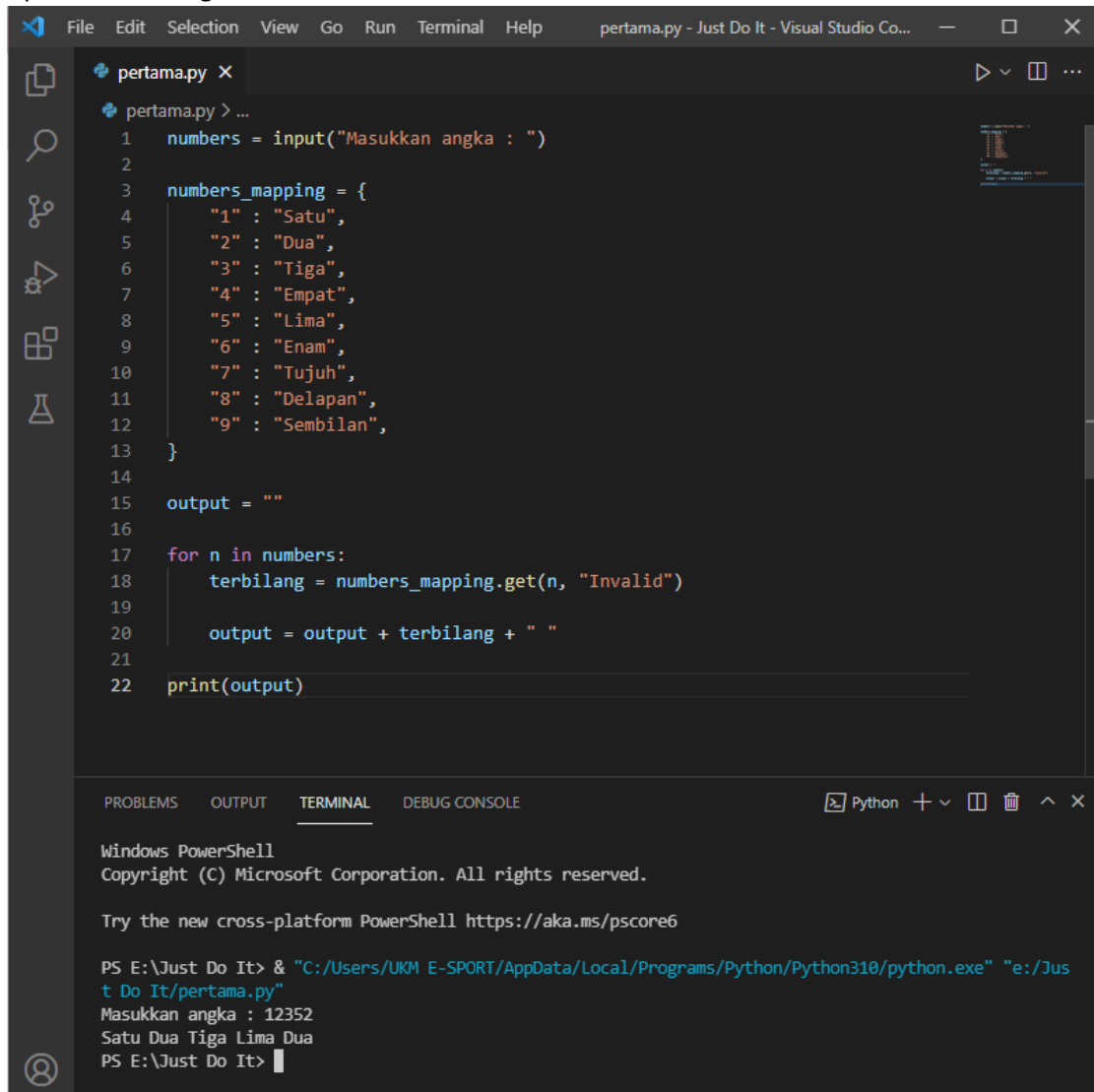


Nama : Mar'i Yustiardin

Kelas : AI-3B

NIM : 20.01.013.009

1. Aplikasi Terbilang



The image shows a Visual Studio Code editor window with a file named 'pertama.py' open. The code is a Python script that takes a number as input and outputs its Indonesian word representation. The script uses a dictionary to map numbers 1-9 to their respective words. The terminal at the bottom shows the command to run the script, the input '12352', and the output 'Satu Dua Tiga Lima Dua'.

```
pertama.py
1 numbers = input("Masukkan angka : ")
2
3 numbers_mapping = {
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     terbilang = numbers_mapping.get(n, "Invalid")
19
20     output = output + terbilang + " "
21
22 print(output)
```

Windows PowerShell
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PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/pertama.py"
Masukkan angka : 12352
Satu Dua Tiga Lima Dua
PS E:\Just Do It> |

2. Emoji Converter

The image shows a Visual Studio Code editor window with a file named 'pertama.py' open. The code in the editor is as follows:

```
1 message = input(">>> ")
2
3 emoji_mapping = {
4     ":" : "😊",
5     "D" : "😏",
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)
```

Below the editor, the 'TERMINAL' tab is active, showing a Windows PowerShell prompt. The user has run the command to execute the script, and the output is displayed:

```
PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/pertama.py"
>>> saya suka main mobile legends :)
saya suka main mobile legends 😊
PS E:\Just Do It> █
```

3. Fungsi

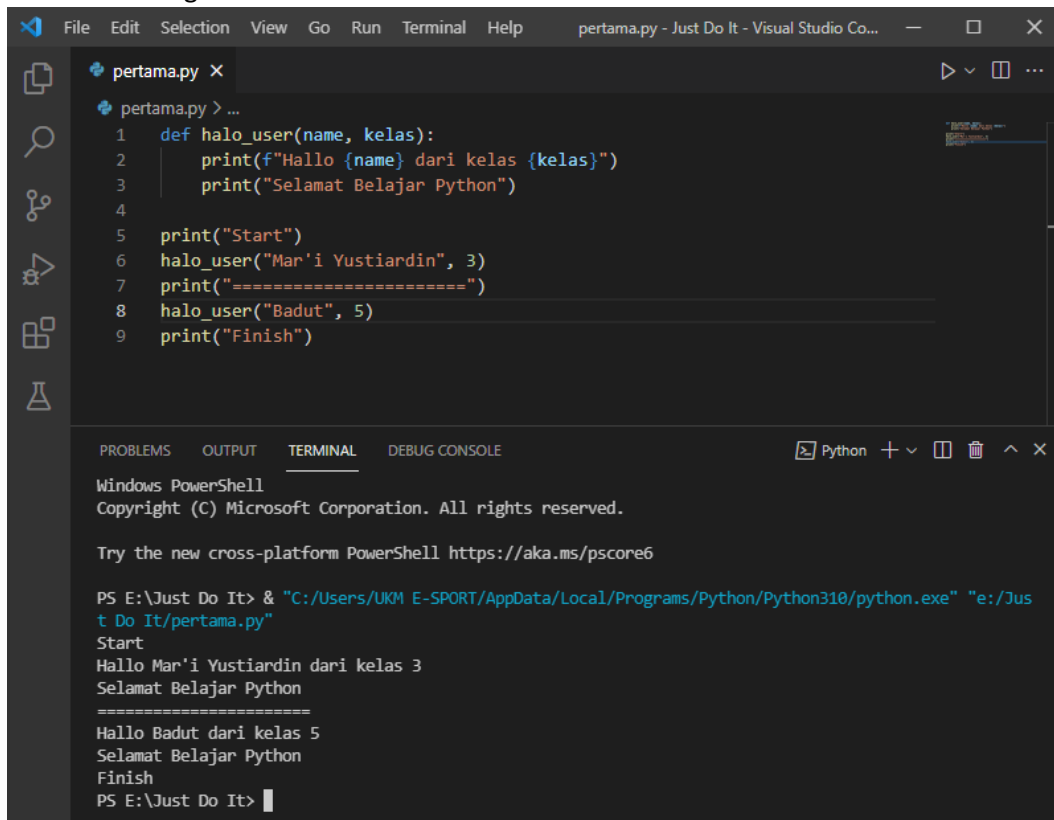
The screenshot displays the Visual Studio Code interface. The editor window shows a file named `pertama.py` with the following Python code:

```
1 def halo_user():
2     print("Hallo User")
3     print("Selamat Belajar Python")
4
5 print("Start")
6 halo_user()
7 print("Finish")
```

Below the editor, the **TERMINAL** panel is active, showing the command `python pertama.py` and its output:

```
PS E:\Just Do It> python pertama.py
Start
Hallo User
Selamat Belajar Python
Finish
PS E:\Just Do It>
```

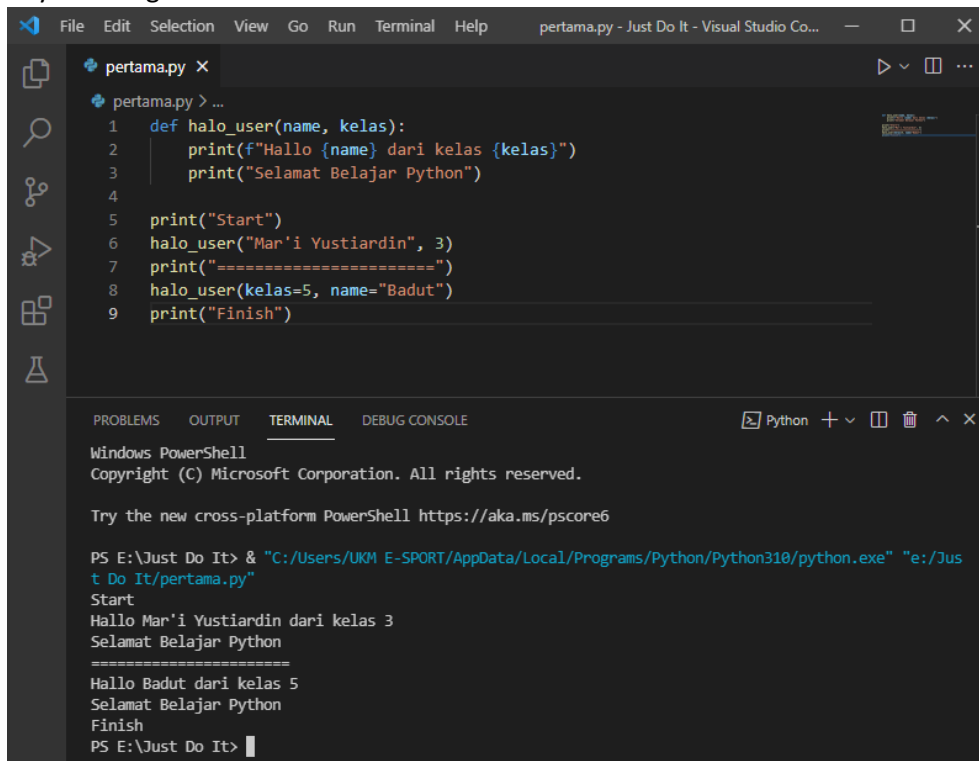
4. Parameter Fungsi



The screenshot shows the Visual Studio Code interface with a file named `pertama.py` open. The code defines a function `halo_user` that takes `name` and `kelas` as parameters. It prints a greeting and a welcome message. The script then calls the function twice: first with `Mar'i Yustiardin` and `3`, and then with `Badut` and `5`. The terminal output shows the execution of the script, displaying the expected output.

```
File Edit Selection View Go Run Terminal Help pertama.py - Just Do It - Visual Studio Co...  
pertama.py X  
pertama.py > ...  
1 def halo_user(name, kelas):  
2     print(f"Hallo {name} dari kelas {kelas}")  
3     print("Selamat Belajar Python")  
4  
5     print("Start")  
6     halo_user("Mar'i Yustiardin", 3)  
7     print("=====  
8     halo_user("Badut", 5)  
9     print("Finish")  
  
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python + - [ ] [X] ^ X  
Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
  
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/pertama.py"  
Start  
Hallo Mar'i Yustiardin dari kelas 3  
Selamat Belajar Python  
=====  
Hallo Badut dari kelas 5  
Selamat Belajar Python  
Finish  
PS E:\Just Do It> |
```

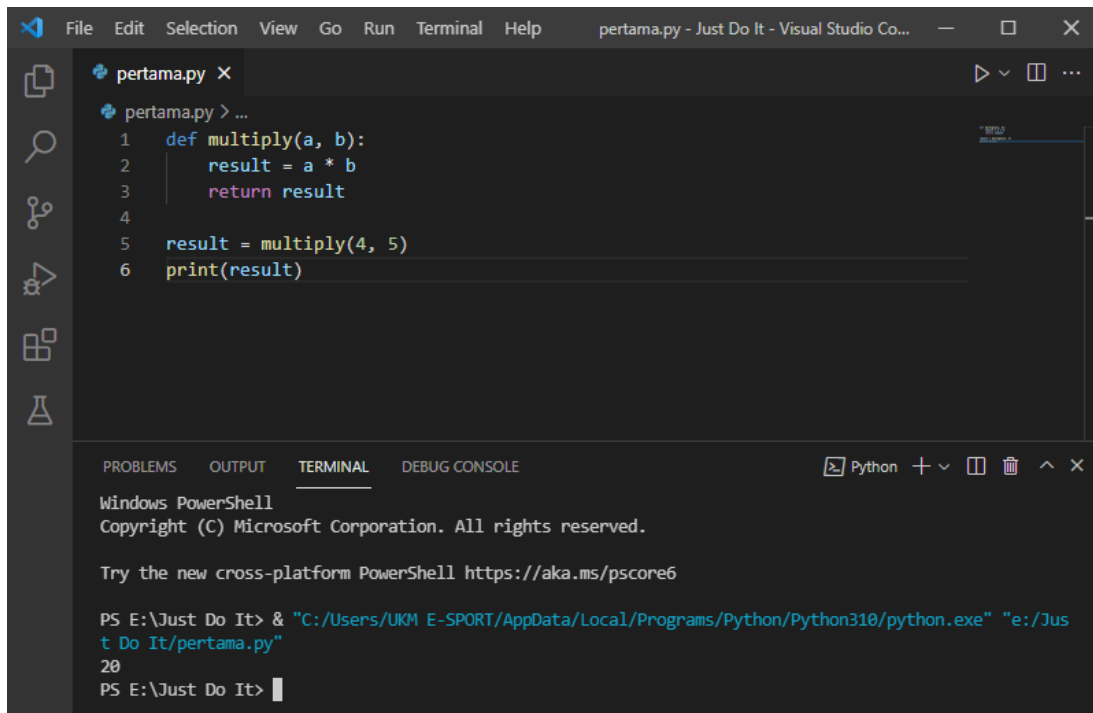
5. Keyword Argument



The screenshot shows the Visual Studio Code interface with a file named `pertama.py` open. The code defines a function `halo_user` that takes `name` and `kelas` as parameters. It prints a greeting and a welcome message. The script then calls the function twice: first with `Mar'i Yustiardin` and `3`, and then with `Badut` and `5`. The terminal output shows the execution of the script, displaying the expected output.

```
File Edit Selection View Go Run Terminal Help pertama.py - Just Do It - Visual Studio Co...  
pertama.py X  
pertama.py > ...  
1 def halo_user(name, kelas):  
2     print(f"Hallo {name} dari kelas {kelas}")  
3     print("Selamat Belajar Python")  
4  
5     print("Start")  
6     halo_user("Mar'i Yustiardin", 3)  
7     print("=====  
8     halo_user(kelas=5, name="Badut")  
9     print("Finish")  
  
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python + - [ ] [X] ^ X  
Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
  
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/pertama.py"  
Start  
Hallo Mar'i Yustiardin dari kelas 3  
Selamat Belajar Python  
=====  
Hallo Badut dari kelas 5  
Selamat Belajar Python  
Finish  
PS E:\Just Do It> |
```

6. Return Value



The image shows a screenshot of the Visual Studio Code editor interface. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The title bar indicates the file is 'pertama.py - Just Do It - Visual Studio Co...'. The editor window displays the following Python code:

```
pertama.py > ...
1  def multiply(a, b):
2      result = a * b
3      return result
4
5  result = multiply(4, 5)
6  print(result)
```

Below the editor, the TERMINAL panel is active, showing the output of running the script. The terminal text is as follows:

```
Windows PowerShell
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PS E:\Just Do It> & "C:/Users/UKM E-SPORT/AppData/Local/Programs/Python/Python310/python.exe" "e:/Just Do It/pertama.py"
20
PS E:\Just Do It> |
```