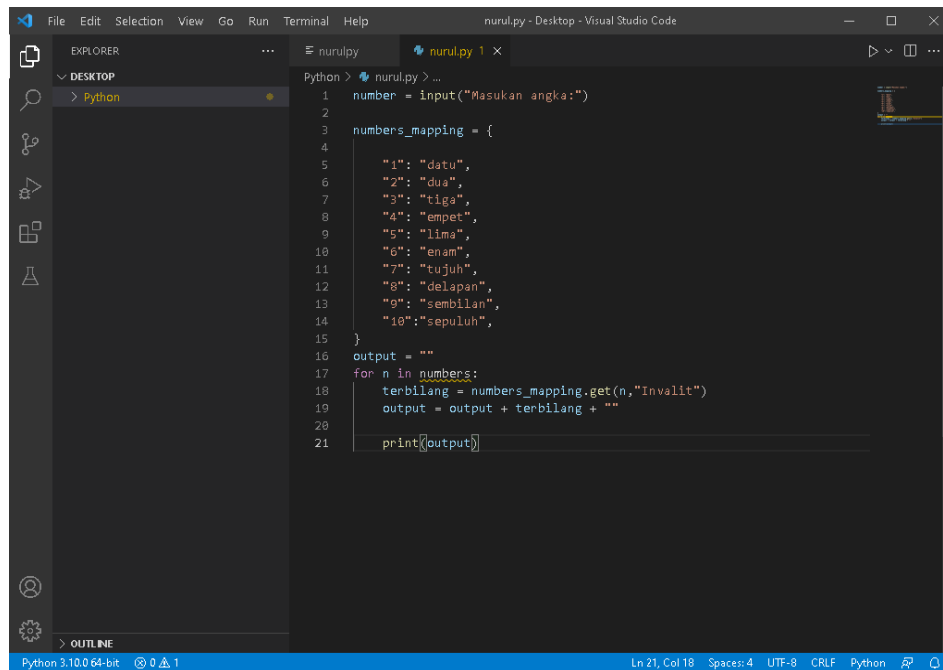


NAMA : NURUL MUFLIHA PUASA

NIM : 20.01.013.014

KELAS : A

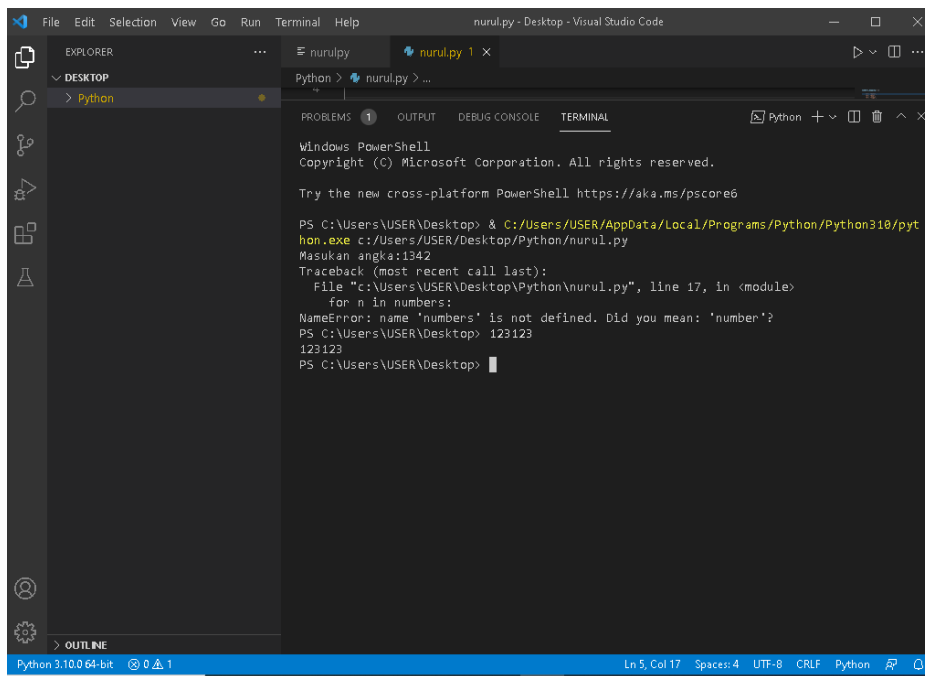
1. APLIKASI TERBILANG



The image shows a screenshot of the Visual Studio Code editor interface. The main editor window displays a Python script named `nurul.py`. The script is designed to take an input number and output its corresponding Indonesian word. It uses a dictionary `numbers_mapping` to map numbers from 1 to 10 to their respective words. The script also includes a loop to iterate over the numbers and a function `get` to retrieve the word for a given number, with a default value of "Invalid" if the number is not found. The script is as follows:

```
1 number = input("Masukan angka:")
2
3 numbers_mapping = {
4
5     "1": "datu",
6     "2": "dua",
7     "3": "tiga",
8     "4": "empat",
9     "5": "lima",
10    "6": "enam",
11    "7": "tujuh",
12    "8": "delapan",
13    "9": "sembilan",
14    "10": "sepuluh",
15 }
16 output = ""
17 for n in numbers:
18     terbilang = numbers_mapping.get(n, "Invalid")
19     output = output + terbilang + " "
20
21 print(output)
```

The status bar at the bottom of the editor indicates the file is `nurul.py`, the Python interpreter is `Python 3.10.0 64-bit`, and the current line and column are `Ln 21, Col 18`. The encoding is `UTF-8` and the line ending is `CRLF`.

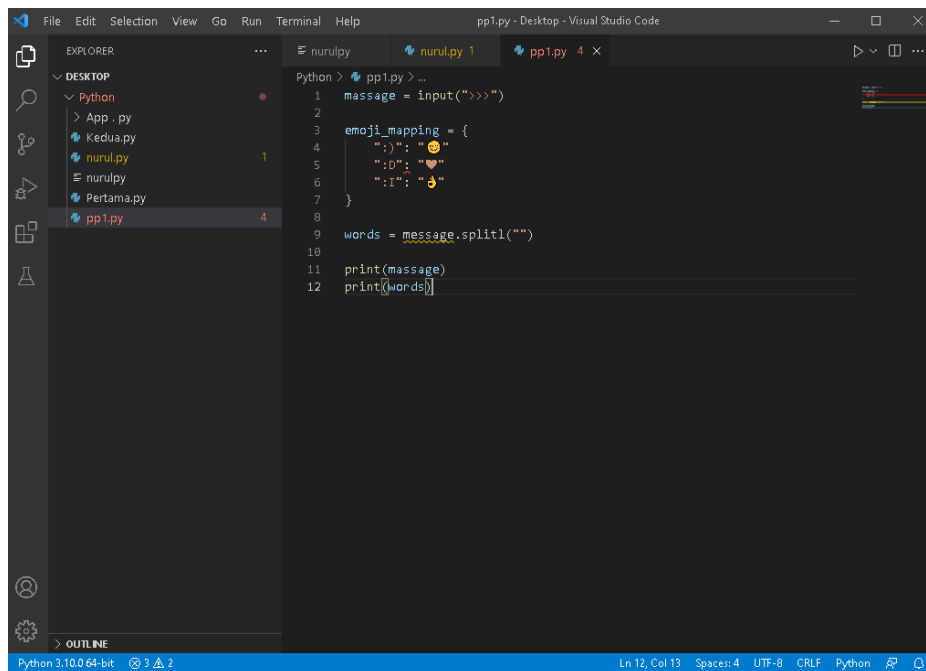


```
Windows PowerShell
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PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/nurul.py
Masukan angka:1342
Traceback (most recent call last):
  File "c:\Users\USER\Desktop\Python\nurul.py", line 17, in <module>
    for n in numbers:
NameError: name 'numbers' is not defined. Did you mean: 'number'?
PS C:\Users\USER\Desktop> 123123
123123
PS C:\Users\USER\Desktop>
```

2. EMOJI CONVERTER



```
1 message = input(">>>")
2
3 emoji_mapping = {
4     ":" : ":)"
5     "0" : ":D"
6     "I" : ":3"
7 }
8
9 words = message.splitl("")
10
11 print(message)
12 print(words)
```

```
File Edit Selection View Go Run Terminal Help
pp1.py - Desktop - Visual Studio Code

EXPLORER
DESKTOP
Python
App.py
Kedua.py
nurul.py
Pertama.py
pp1.py

Python > pp1.py > ...
1 message = input(">>>")

PROBLEMS 5 OUTPUT DEBUG CONSOLE TERMINAL
Python + - - - - -

Windows PowerShell
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PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/pp1.py
File "c:\Users\USER\Desktop\Python\pp1.py", line 5
    ":D": "♥
    ^
SyntaxError: invalid syntax
PS C:\Users\USER\Desktop>
```

3. FUNGSI

```
File Edit Selection View Go Run Terminal Help
pp2.py - Desktop - Visual Studio Code

EXPLORER
DESKTOP
Python
App.py
Kedua.py
nurul.py
Pertama.py
pp1.py
pp2.py

Python > pp2.py > hello_user
1 def hello_user():
2     print("Hello User")
3     print("Selamat belajar Python")
4
5     print("star")
6     print("finish")

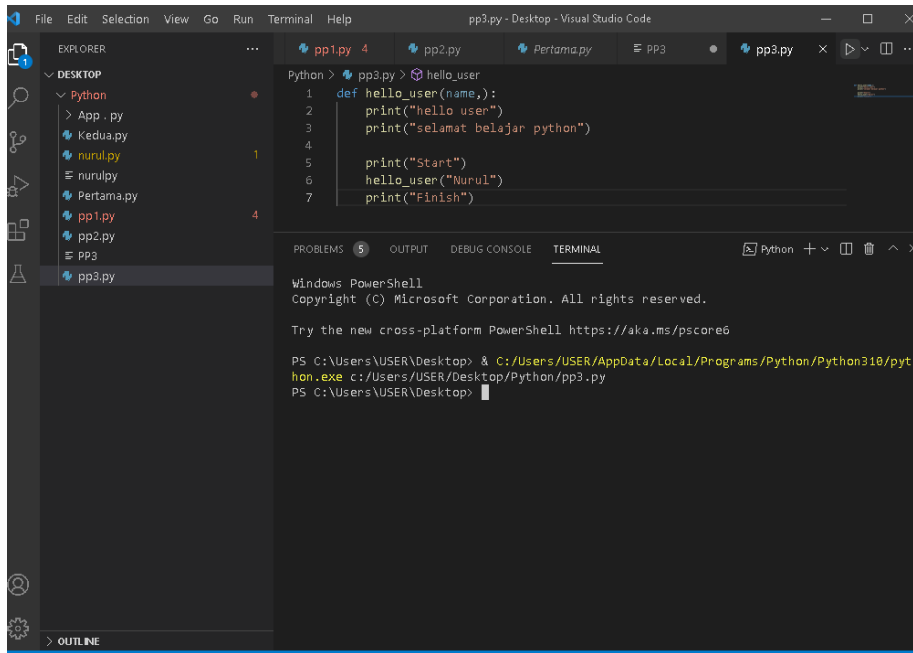
PROBLEMS 5 OUTPUT DEBUG CONSOLE TERMINAL
Python + - - - - -

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

PS C:\Users\USER\Desktop> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/pp2.py
PS C:\Users\USER\Desktop>
Hello User
Selamat belajar Python
star
finish
```

4. PARAMETER ARGUMENT



5. KEYWORD ARGUMENT