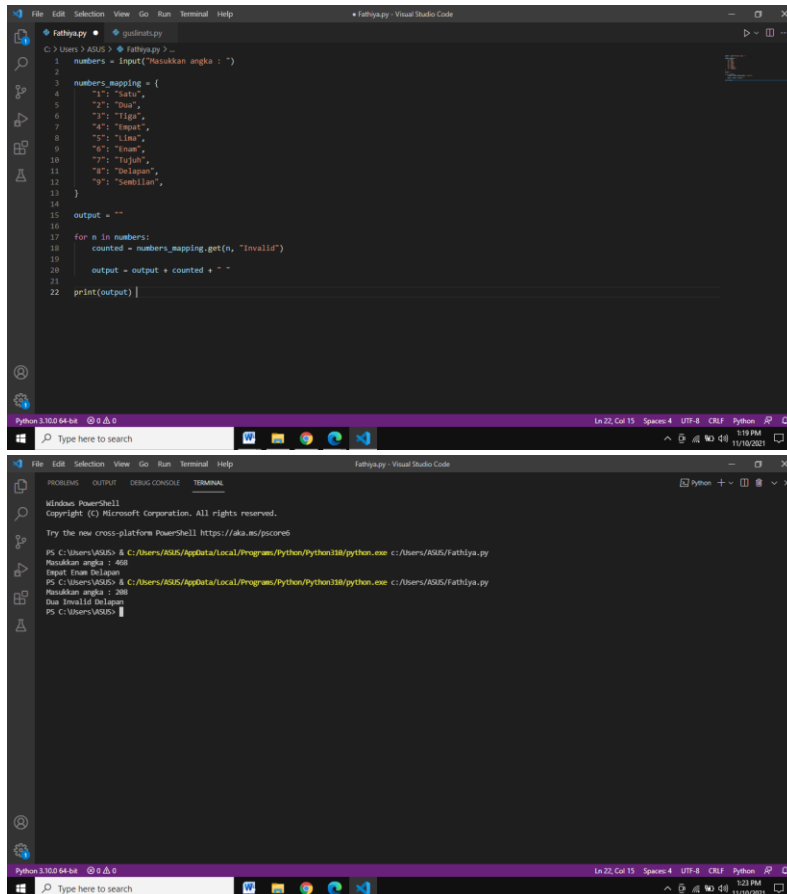


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KELAS : KECERDASAN BUATAN

TUGAS PYTHON-5

- Aplikasi Terbilang



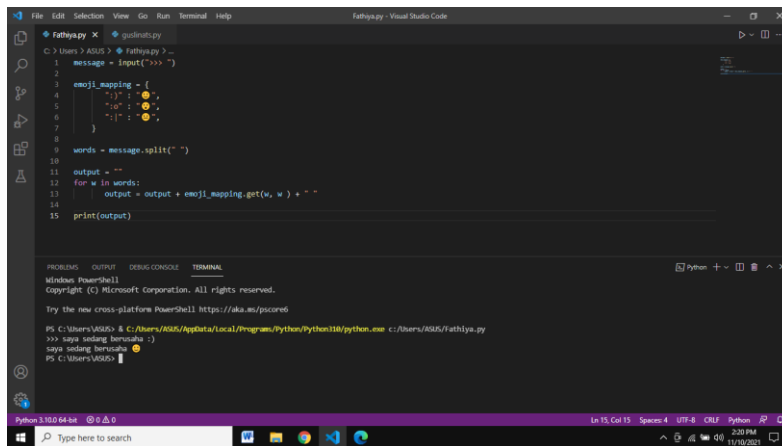
The image shows two screenshots of a Python application. The top screenshot displays the source code in Visual Studio Code, which defines a mapping of numbers 1-9 to Indonesian words and iterates through a user input to print the words. The bottom screenshot shows the program's execution in a Windows PowerShell terminal, demonstrating the output for inputs 456, 200, and an invalid input.

```
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 a in numbers:
18     counted = numbers_mapping.get(a, "Invalid")
19     output = output + counted + " "
20
21
22 print(output)
```

Windows PowerShell
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```
PS C:\Users\AGUS> & C:\Users\AGUS\AppData\Local\Programs\Python\Python38\python.exe c:\Users\AGUS\Fathiya.py
Masukkan angka : 456
Empat Lima Delapan
PS C:\Users\AGUS> & C:\Users\AGUS\AppData\Local\Programs\Python\Python38\python.exe c:\Users\AGUS\Fathiya.py
Masukkan angka : 200
Dua Invalid Delapan
PS C:\Users\AGUS>
```

- Emoji Converter



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

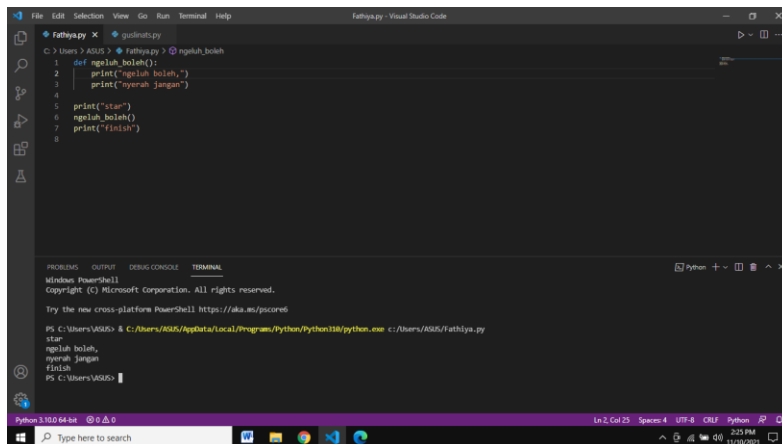
Fatihya.py x gisnatr.py
C:\Users\ASUS> cd Fatihya.py & python3 .\
1 message = input(" >>> ")
2
3
4 emoji_mapping = {
5     "j": "😊",
6     "o": "👉",
7     "i": "👈",
8 }
9
10 words = message.split(" ")
11
12 output = ""
13 for w in words:
14     output = output + emoji_mapping.get(w, w) + " "
15
16 print(output)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python118/python.exe c:/Users/ASUS/Fatihya.py
>>> saya sedang beresaha :>
saya sedang beresaha 😊👉👈
PS C:\Users\ASUS>
```

- Fungsi



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

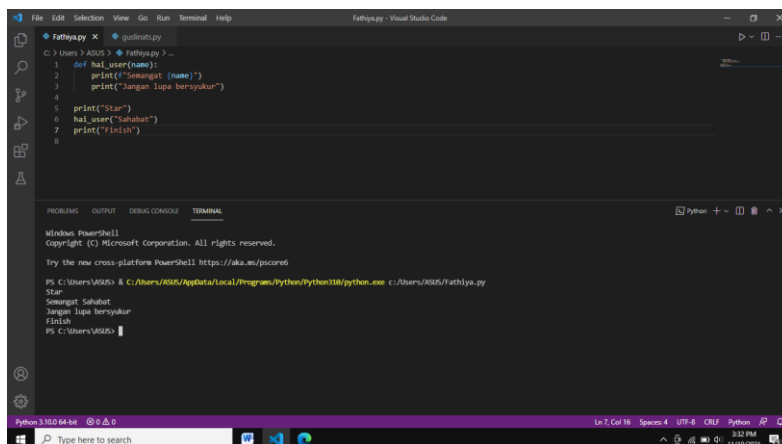
Fatihya.py x gisnatr.py
C:\Users\ASUS> cd Fatihya.py & python3 .\
1 def ngeluh_boleh():
2     print("ngeluh boleh.")
3     print("nyerah jangan")
4
5 print("star")
6 ngeluh_boleh()
7 print("finish")
8

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python118/python.exe c:/Users/ASUS/Fatihya.py
star
ngeluh boleh
nyerah jangan
finish
PS C:\Users\ASUS>
```

- Parameter Fungsi



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

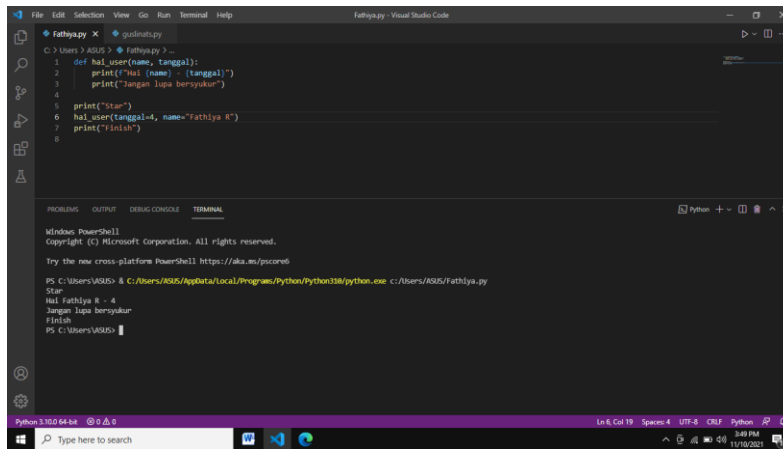
Fatihya.py x gisnatr.py
C:\Users\ASUS> cd Fatihya.py & python3 .\
1 def hai_user(name):
2     print(f"Semangat {name}")
3     print("Jangan lupa beresukur")
4
5 print("Star")
6 hai_user("sahabat")
7 print("Finish")
8

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

PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python118/python.exe c:/Users/ASUS/Fatihya.py
Star
Semangat Sahabat
Jangan lupa beresukur
Finish
PS C:\Users\ASUS>
```

- Keyword Argument

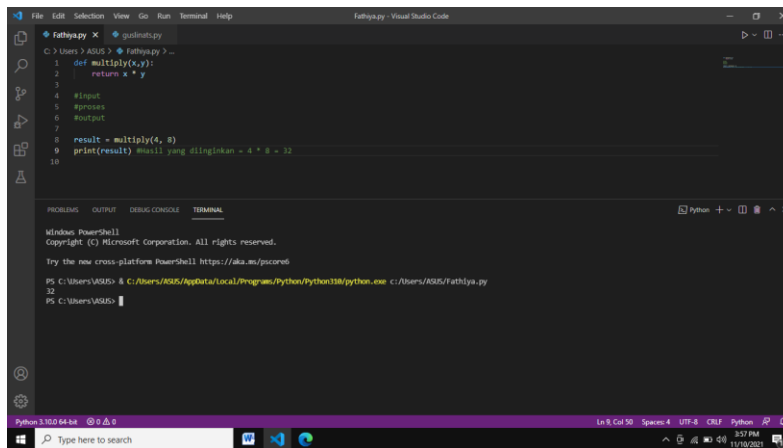


```
File Edit Selection View Go Run Terminal Help
fathya.py - Visual Studio Code

fathya.py x guslunatpy
C:\Users\ASUS> fathya.py --
1 def hal_user(name, tanggal):
2     print("Hai (name) - (tanggal)")
3     print("Jangan lupa bereskan")
4
5     print("Star")
6     hal_user(tanggal=4, name="fathya 8")
7     print("Finish")
8
9
10
Microsoft PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python38/python.exe c:/Users/ASUS/fathya.py
Star
Hai fathya 8 - 4
Jangan lupa bereskan
Finish
PS C:\Users\ASUS>
```

- Return Value



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

fathya.py x guslunatpy
C:\Users\ASUS> fathya.py --
1 def multiply(x,y):
2     return x * y
3
4 #input
5 #proses
6 #output
7
8 result = multiply(4, 8)
9 print(result) #hasil yang diinginkan = 4 * 8 = 32
10
11
Microsoft PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python38/python.exe c:/Users/ASUS/fathya.py
32
PS C:\Users\ASUS>
```