

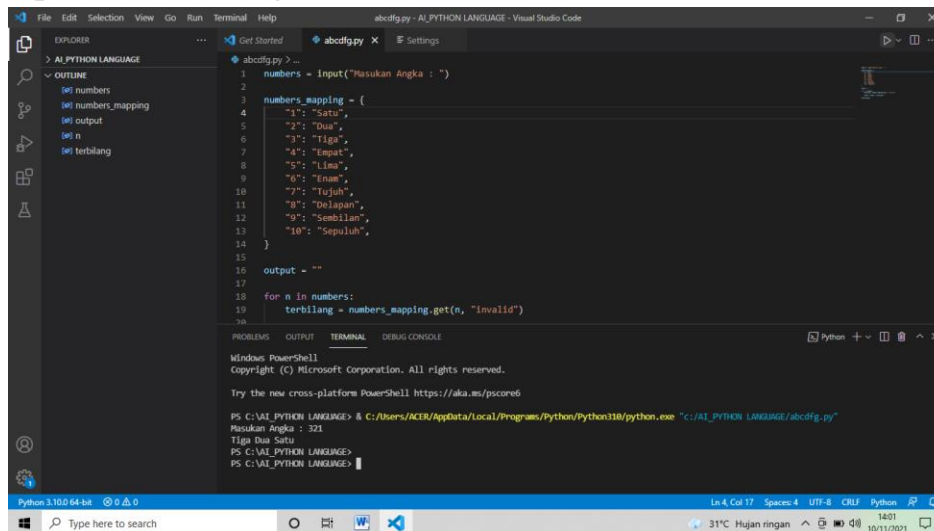
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KELAS : AI B

Python 5.

1. Aplikasi Terbilang

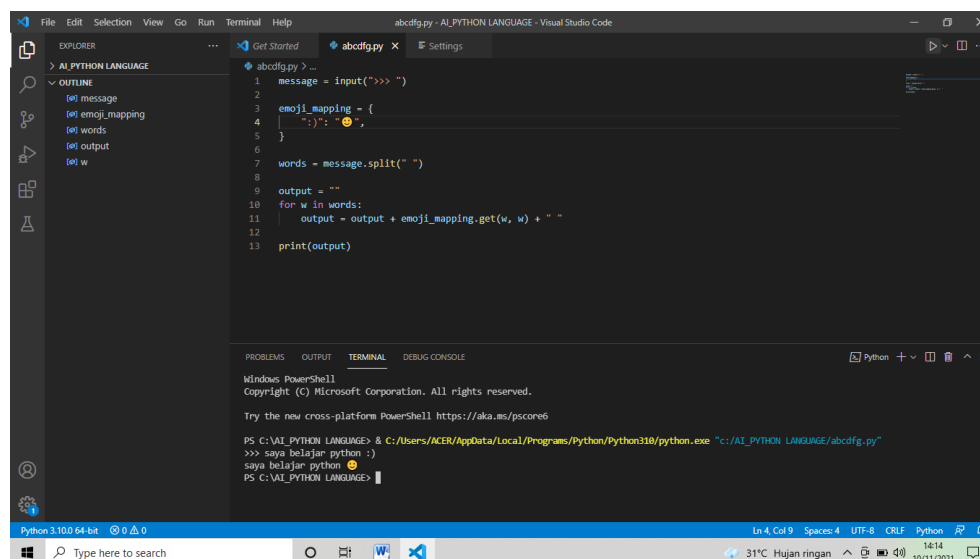


```
1 numbers = input("Masukan Angka : ")
2
3 numbers_mapping = {
4     "1": "Satu",
5     "2": "Dua",
6     "3": "Tiga",
7     "4": "Empat",
8     "5": "Lima",
9     "6": "Enam",
10    "7": "Tujuh",
11    "8": "Delapan",
12    "9": "Sembilan",
13    "10": "Sepuluh",
14 }
15
16 output = ""
17 for n in numbers:
18     terbilang = numbers_mapping.get(n, "invalid")
19     output = terbilang + output
20
21 print(output)
```

Windows PowerShell
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/abcdfg.py"
Masukan Angka : 321
Tiga Dua Satu
PS C:\AI_PYTHON LANGUAGE>

2. Emoji Converter

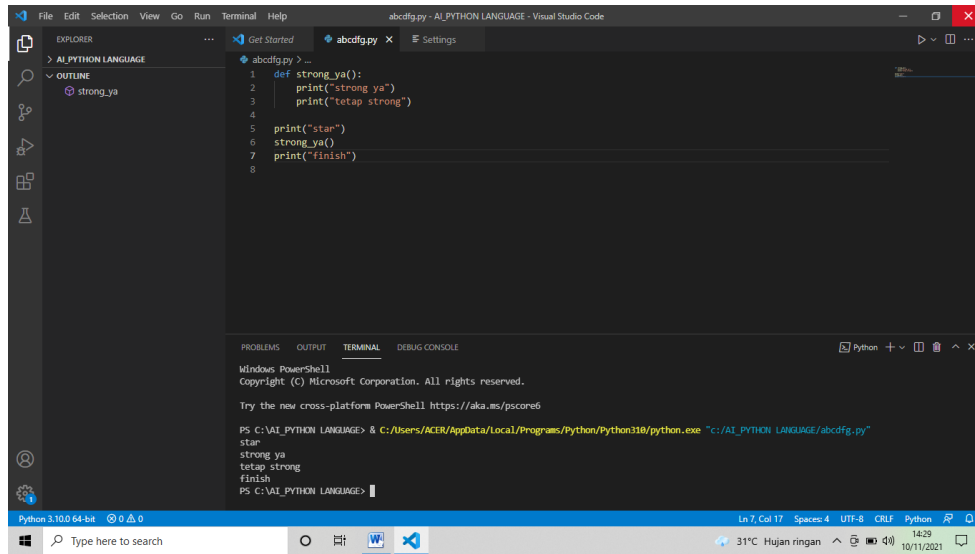


```
1 message = input(">>> ")
2
3 emoji_mapping = {
4     "saya": "👤",
5     "belajar": "📖",
6     "python": "🐍"
7 }
8
9 words = message.split(" ")
10
11 output = ""
12 for w in words:
13     output = output + emoji_mapping.get(w, w) + " "
14
15 print(output)
```

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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/AI_PYTHON LANGUAGE/abcdfg.py"
>>> saya belajar python :)
saya belajar python 🐍
PS C:\AI_PYTHON LANGUAGE>

3. Fungsi



The screenshot shows the Visual Studio Code interface with a Python file named `abdcfg.py`. The code defines a function `strong_ya()` that prints "strong ya" and "tetap strong", followed by a star and the word "finish". The terminal shows the output of running the script: "strong ya", "tetap strong", a star, and "finish".

```
def strong_ya():
    print("strong ya")
    print("tetap strong")

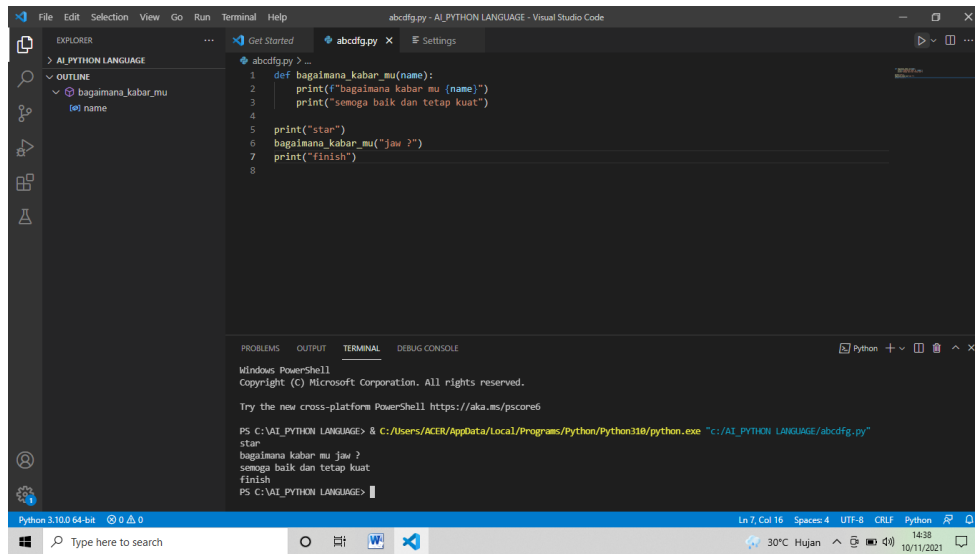
print("star")
strong_ya()
print("finish")
```

```
Windows PowerShell
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python318/python.exe "C:/AI_PYTHON LANGUAGE/abdcfg.py"
strong ya
tetap strong
star
finish
PS C:\AI_PYTHON LANGUAGE>
```

4. Parameter Fungsi



The screenshot shows the Visual Studio Code interface with a Python file named `abdcfg.py`. The code defines a function `bagaimana_kabar_mu(name)` that prints "bagaimana kabar mu {name}", "semoga baik dan tetap kuat", followed by a star and the word "finish". The terminal shows the output of running the script with the argument "jaw": "bagaimana kabar mu jaw", "semoga baik dan tetap kuat", a star, and "finish".

```
def bagaimana_kabar_mu(name):
    print(f"bagaimana kabar mu {name}")
    print("semoga baik dan tetap kuat")

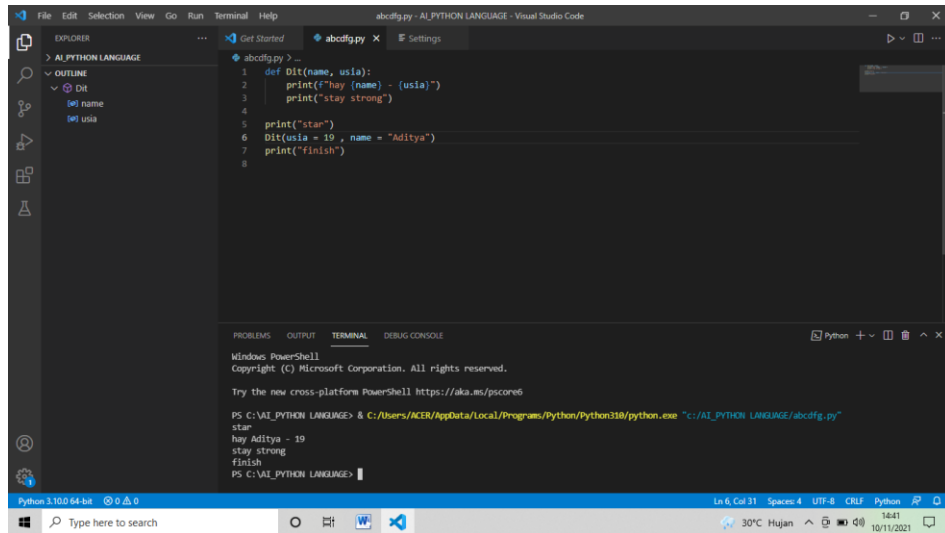
print("star")
bagaimana_kabar_mu("jaw")
print("finish")
```

```
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python318/python.exe "C:/AI_PYTHON LANGUAGE/abdcfg.py"
bagaimana kabar mu jaw
semoga baik dan tetap kuat
star
finish
PS C:\AI_PYTHON LANGUAGE>
```

5. Keyword Argument



The screenshot shows the Visual Studio Code interface with a Python file named `abdcfg.py`. The code defines a function `Dit(name, usia)` that prints a message and then calls it with keyword arguments. The terminal output shows the execution results.

```
1 def Dit(name, usia):
2     print(f"hay {name} - {usia}")
3     print("stay strong")
4
5 print("star")
6 Dit(usia = 19, name = "Aditya")
7 print("finish")
8
```

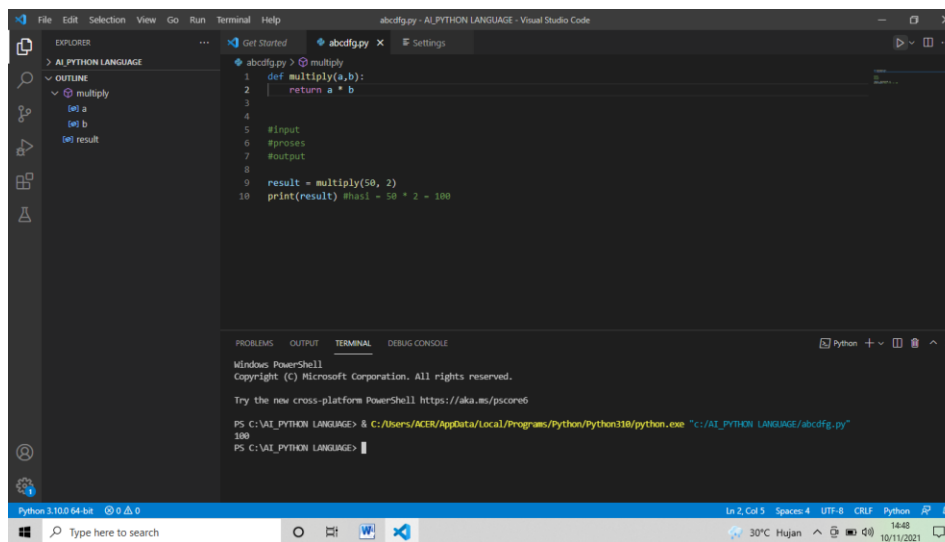
Terminal Output:

```
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python318/python.exe "c:/AI_PYTHON LANGUAGE/abdcfg.py"
star
hay Aditya - 19
stay strong
finish
PS C:\AI_PYTHON LANGUAGE>
```

6. Return Value



The screenshot shows the Visual Studio Code interface with a Python file named `abdcfg.py`. The code defines a function `multiply(a, b)` that returns the product of two numbers. The terminal output shows the execution results.

```
1 def multiply(a, b):
2     return a * b
3
4
5 #input
6 #proses
7 #output
8
9 result = multiply(50, 2)
10 print(result) #hasil = 50 * 2 = 100
```

Terminal Output:

```
Windows PowerShell
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PS C:\AI_PYTHON LANGUAGE> & C:/Users/ACER/AppData/Local/Programs/Python/Python318/python.exe "c:/AI_PYTHON LANGUAGE/abdcfg.py"
100
PS C:\AI_PYTHON LANGUAGE>
```