

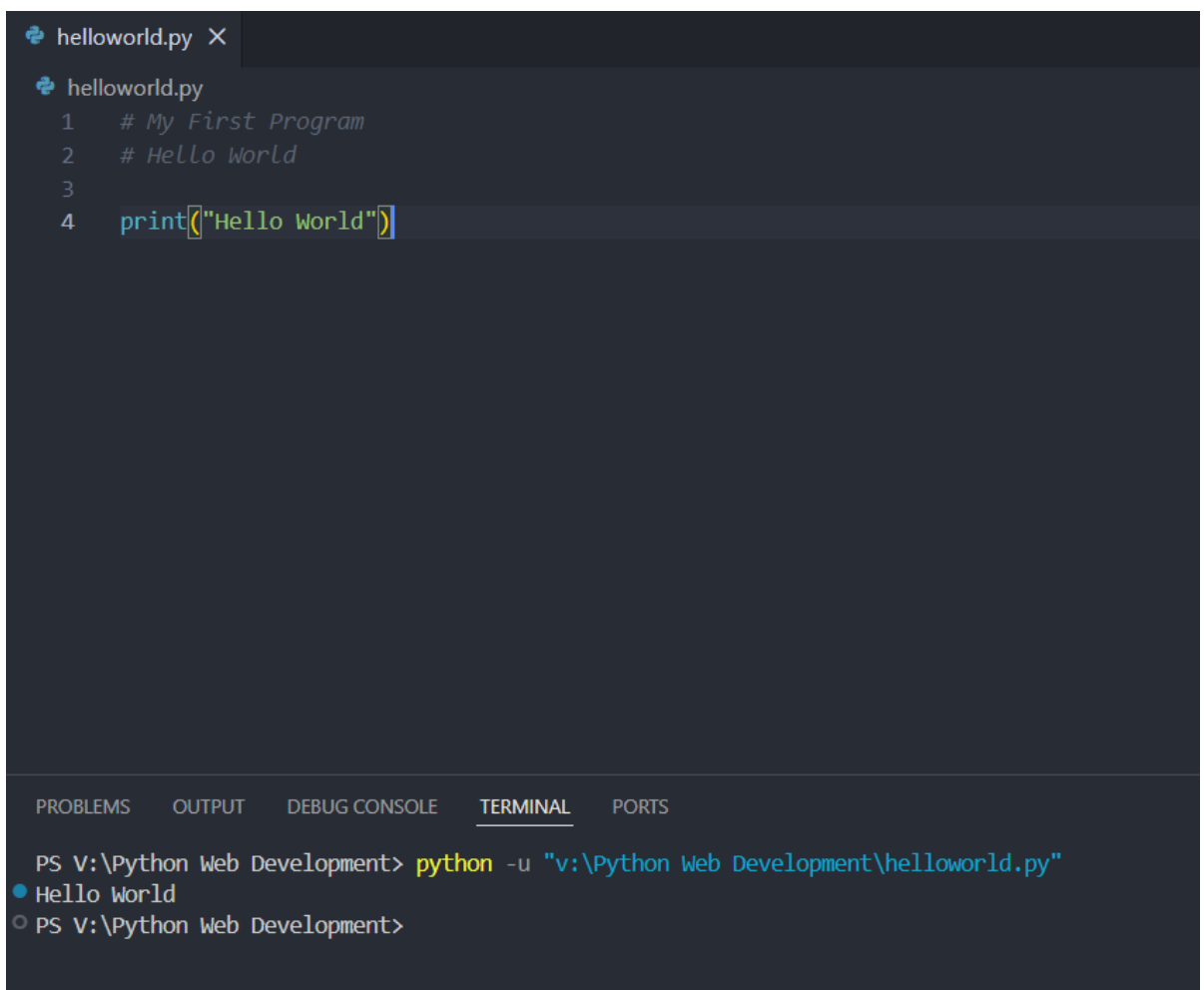
**Name:** Pallavi Salunkhe

**Domain:** Python

## First Week Task

### Hands-On Practice:

1. Write and run your first 'Hello World' program.



The image shows a code editor window with a file named `helloworld.py`. The code contains four lines: a comment `# My First Program`, another comment `# Hello World`, a blank line, and a `print("Hello World")` statement. Below the editor, the terminal window is active, showing the command `python -u "v:\Python Web Development\helloworld.py"` being executed. The output of the program, `Hello World`, is displayed on the next line.

```
helloworld.py X
helloworld.py
1  # My First Program
2  # Hello World
3
4  print("Hello World")

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS V:\Python Web Development> python -u "v:\Python Web Development\helloworld.py"
Hello World
PS V:\Python Web Development>
```

2. Create variables to store your personal information.

```
6
7  #Create variables to store your personal information
8  name="Pallavi Salunkhe"
9  branch="AIML"
10 year="TE"
11 age=21
12 cgpa=8.50
13
14 print()
15 print("*****30")
16 print("My Personal Information")
17 print("*****30")
18 print("Name: ",name)
19 print("Branch: ",branch)
20 print("Year: ",year)
21 print("CGPA: ",cgpa)
22 print()
23 print("*****30")
24 print("Thank You")
25 print("*****30")
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

PS V:\Python Web Development> python -u "v:\Python Web Development\helloworld.py"

\*\*\*\*\*

My Personal Information

\*\*\*\*\*

Name: Pallavi Salunkhe  
Branch: AIML  
Year: TE  
CGPA: 8.5

\*\*\*\*\*

Thank You

\*\*\*\*\*

PS V:\Python Web Development>

3. Build a simple calculator that adds two numbers.

```
25 # print("""*30)
26
27
28 # Build a simple calculator that adds two numbers
29
30 a=20
31 b=30
32 add=a+b
33 print("Addition: ",add)
34
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS V:\Python Web Development> python -u "v:\Python Web Development\helloworld.py"
● Addition: 50
○ PS V:\Python Web Development>
```

4. Create a program that asks for your name and says hello back

```
34
35
36 #Create a program that asks for your name and says hello back
37 name=input("Enter Your Name:")
38 print()
39 print("""*30)
40 print("Welcome To My Python Program")
41 print("""*30)
42 print("Hello ",name,"..!")
43 print()
44
45
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS V:\Python Web Development> python -u "v:\Python Web Development\helloworld.py"
● Enter Your Name:pallavi

*****
Welcome To My Python Program
*****
Hello pallavi ..!

○ PS V:\Python Web Development> |
```

## 5. Practice fixing syntax errors in provided code examples.

```
45 #Practice fixing syntax errors in provided code examples
46 # 1. Example
47
48 name=pallavi
49 print(name)
50
51 #here syntax error because string can be written in programming language using double quate ""
52 |
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS Python + -

```
PS V:\Python Web Development> & C:/Users/Pallavi/AppData/Local/Programs/Python/Python313/python.exe "v:/Python Web Development/helloworld.py"
Traceback (most recent call last):
  File "v:/Python Web Development\helloworld.py", line 48, in <module>
    name=pallavi
          ^^^^^^^
NameError: name 'pallavi' is not defined
PS V:\Python Web Development>
```

```
45 #Practice fixing syntax errors in provided code examples
46 # 1. Example
47
48 # name=pallavi
49 # print(name)
50
51 #here syntax error because string can be written in programming language using double quate ""
52
53 # so correct program is
54 name="pallavi"
55 print(name)
56
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS Python + -

```
PS V:\Python Web Development> & C:/Users/Pallavi/AppData/Local/Programs/Python/Python313/python.exe "v:/Python Web Development/helloworld.py"
Traceback (most recent call last):
  File "v:/Python Web Development\helloworld.py", line 48, in <module>
    name=pallavi
          ^^^^^^^
NameError: name 'pallavi' is not defined
PS V:\Python Web Development> & C:/Users/Pallavi/AppData/Local/Programs/Python/Python313/python.exe "v:/Python Web Development/helloworld.py"
pallavi
PS V:\Python Web Development> |
```

## **CODE:**

*# Pallavi Salunkhe*

*#Project: Personal Information Manager*

*# My First Python Project*

*# here name is string data type used to store name value in name varibale*

*# age is integer data type used to store age value in age varibale*

*# city is string data type used to store city value in city varibale*

*# hobby is string data type used to store hobby value in hobby varibale*

*# Store static information*

name="Pallavi Salunkhe"

age=21

city="Pune"

hobby="Coding"

*# Welcome message*

print()

print("\*\*\*40)

print(" Personal Information Manager ")

print("\*\*\*40)

*# Get user input*

print()

print(" Tell Me yourself ")

print()

print("-"\*40)

```
food=input("What is Your Favorite Food: ")
color=input("What is Your Favorite Color: ")
print("-"*40)
```

```
# Calculate age in months
```

```
age_in_months = age * 12
```

```
# Display all information
```

```
print()
```

```
print("*"*40)
```

```
print("    Your Personal Information    ")
```

```
print("*"*40)
```

```
print(f'NAME: {name}')
```

```
print(f'AGE: {age} years ( {age_in_months} months old)')
```

```
print(f'CITY: {city}')
```

```
print(f'HOBBY: {hobby}')
```

```
print()
```

```
# basic validation (check if input is empty)
```

```
if not food or not color:
```

```
    print("Error: Please enter both food and color.")
```

```
else:
```

```
    print(f'My Favorite Food is : {food}')
```

```
    print(f'My Favorite Color is : {color}')
```

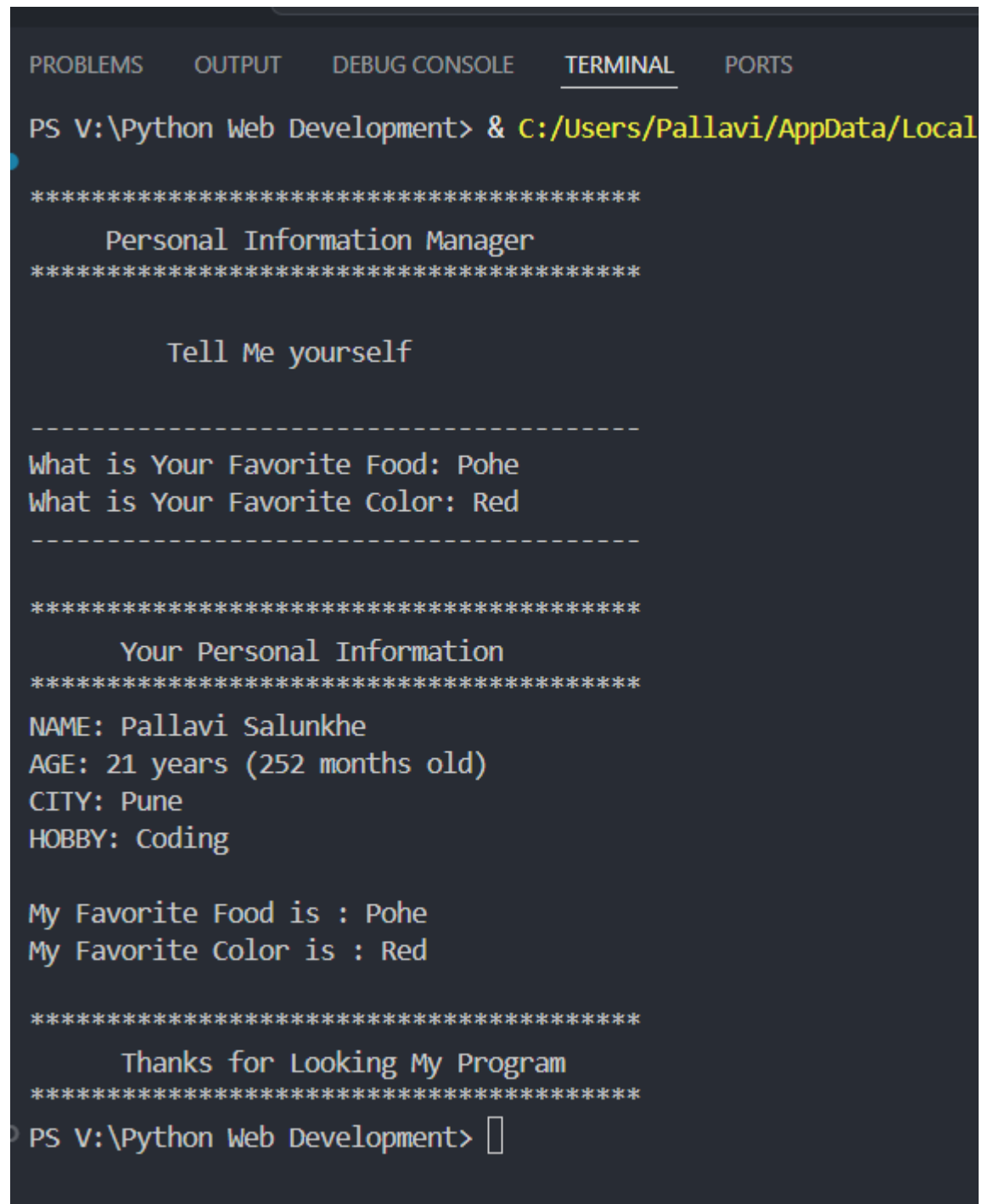
```
# Goodbye message
```

```
print()
```

```
print("*"*40)
```

```
print("    Thanks for Looking My Program    ")  
  
print("*"*40)
```

### OUTPUT:



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  
  
PS V:\Python Web Development> & C:/Users/Pallavi/AppData/Local  
  
*****  
Personal Information Manager  
*****  
  
Tell Me yourself  
  
-----  
What is Your Favorite Food: Pohe  
What is Your Favorite Color: Red  
-----  
  
*****  
Your Personal Information  
*****  
NAME: Pallavi Salunkhe  
AGE: 21 years (252 months old)  
CITY: Pune  
HOBBY: Coding  
  
My Favorite Food is : Pohe  
My Favorite Color is : Red  
  
*****  
Thanks for Looking My Program  
*****  
PS V:\Python Web Development> 
```