

Name: Pallavi Salunkhe

Domain: Python

First Week Task

Hands-On Practice:

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

The screenshot shows a dark-themed code editor with a single file named "helloworld.py". The code contains a comment "# My First Program", a docstring "# Hello World", and a single-line print statement "print("Hello World")". Below the editor is a terminal window with tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is underlined), and PORTS. The terminal shows a command prompt "PS V:\Python Web Development>" followed by the command "python -u "v:\Python Web Development\helloworld.py"". The terminal then displays the output "Hello World" in blue text, indicating the successful execution of the program.

```
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("*****")
16     print("My Personal Information")
17     print("*****")
18     print("Name: ",name)
19     print("Branch: ",branch)
20     print("Year: ",year)
21     print("CGPA: ",cgpa)
22     print()
23     print("*****")
24     print("Thank You")
25     print("*****")
```

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 quote ""
52 |
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

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 quote ""
52
53 # so correct program is
54 name="pallavi"
55 print(name)
56
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

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> []
```