

PYTHON PROGRAMMING TASK PRACTICE 1

1. Hello World

```
print("Hello, World!")
```

Hello, World!

2. Print Your Name

```
print("Aflah")
```

Aflah

3. Print Name and Age on Separate Lines

```
print("Aflah")
```

```
print(21)
```

Aflah

21

4. Declare and Use Different Data Types

```
name = "Aflah"
```

```
age = 21
```

```
height = 5.9
```

```
is_student = True
```

```
print("Name:", name)
```

```
print("Age:", age)
```

```
print("Height:", height)
```

```
print("Is Student:", is_student)
```

Name: Aflah

Age: 21

Height: 5.9

Is Student: True

5. String Concatenation

```
print("Hello, my name is " + name + " and I am " + str(age) + " years old.")
```

```
print("Hello, my name is {} and I am {} years old.".format(name, age))
```

```
print(f"Hello, my name is {name} and I am {age} years old.")
```

Hello, my name is Aflah and I am 21 years old.

Hello, my name is Aflah and I am 21 years old.

Hello, my name is Aflah and I am 21 years old.

6. Declare and Print Variables

```
my_name = "Aflah"
```

```
my_age = 21
```

```
print(my_name)
```

```
print(my_age)
```

Aflah

21

7. Perform Mathematical Operations

```
num1 = 10
```

```
num2 = 5
```

```
print("Addition:", num1 + num2)
```

```
print("Subtraction:", num1 - num2)
```

```
print("Multiplication:", num1 * num2)
```

```
print("Division:", num1 / num2)
```

Addition: 15

Subtraction: 5

Multiplication: 50

Division: 2.0

8. Declare and Print a List

```
fruits = ["Apple", "Banana", "Cherry", "Mango"]
```

```
for fruit in fruits:
```

```
    print(fruit)
```

Apple

Banana

Cherry

Mango

9. Print a Simple Pattern

```
for i in range(1, 5):
```

```
    print('*' * i)
```

*

**

10. Declare and Modify Variables

```
name = "Aflah"
```

```
age = 21
```

```
is_student = True
```

11. Print and Modify Variable Values

```
print(name)
```

```
print(age)
```

```
print(is_student)
```

```
name = "Aflah Rahman"
```

```
age += 1
```

```
is_student = not is_student
```

```
print(name)
```

```
print(age)
```

```
print(is_student)
```

Aflah
21
True
Aflah Rahman
22
False

12. Store and Print Personal Details

```
name = "Aflah"  
age = 21  
dob = "19-09-2003"  
height = 5.9  
weight = 79.5  
degree = "B.E CSE"  
gender = "Male"
```

```
print("Name:", name)  
print("Age:", age)  
print("Date of Birth:", dob)  
print("Height:", height)  
print("Weight:", weight)  
print("Degree:", degree)  
print("Gender:", gender)
```

Name: Aflah
Age: 21
Date of Birth: 19-09-2003
Height: 5.9
Weight: 79.5
Degree: B.E CSE
Gender: Male