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Day 1

Python.

- High level interpreted language
runs code line by line
instead of compiling the
whole programme first.
- Simple and readable syntax.

Python --version → to check version

→ python script → day1.py file.

Run: python day1.py.

print() function → built in function to
show text.

function definition (parameter)
/ variable

```
def greet(name)  
    print("Hello", name)
```

↓ for i/p the
function will
receive.

function calling (arguments)
values.

greet("sugan") → replace parameter name
with values to it.
when function runs.

Data type

int
float
str
bool

list
tuple
set
dict

} → to store collection
of items.

To print Multiple values

```
Name = "Dhruv",  
age = 25  
print("Name:", name,  
      "Age:", age)
```

O/p \Rightarrow Name : Dhruv Age : 25 .

Sep parameter.
 \rightarrow Separator

```
print("Apple", "Banana", "Cherry",  
      sep=",")
```

O/p : Apple, Banana, Cherry .

end parameter.

```
print("Hello", end=" ")
```

```
print("World")
```

end \Rightarrow add a space,
2nd print continue on the
same line .

O/p \Rightarrow Hello World .

f-string . formatted string

```
>> print(f" My name is {name} and  
      & am {age} years old")
```

\rightarrow text and variable in one string
using $\{ \}$.