

## Module 4

### Print Function

Print function prints the message to the screen or any other standard output device.

```
print("Uvaraj")
```

Uvaraj

# Printing multiple values

```
print("Uvaraj", "Emma", 35, 30, 98.60, 92.70)
```

Uvaraj Emma 35 30 98.60 92.70

#### Syntax:

print?

Docstring:

```
print(value, ..., sep = ' ', end = '\n', file = sys.stdout, flush = False)
```

value - Any value, and as many as we like.

Will be converted to a string before printed

sep - Separator (optional)

Specifies how to separate the objects, if there is more than one

Default value = ' ' (space)

end - End (optional)

Specifies what to print at the end

Default value = '\n'

file - An object with a write method (optional)

Default value = sys.stdout

flush - Specifies whether the output to be flushed (True) or Buffered (False).

Default value = False

```
print("Uvaraj", 35)
```

```
print("Emma", 30)
```

Uvaraj 35

Emma 30



# changing default separator in print function  
print("Uvaraj", "Emma", 35, 30, sep=" ")  
Uvaraj, Emma, 35, 30  
print("Uvaraj", 35, sep="→")  
Uvaraj → 35  
print("Uvaraj", 35, sep="|n")  
Uvaraj  
35

---

# changing default end in print function  
print("Uvaraj", 35, end=" ")  
print("Emma", 30)  
Uvaraj 35 Emma 30  
print("Uvaraj", 35, sep="|n", end="→")  
print("Emma", 30)  
Uvaraj  
35 → Emma 30

---

### challenge

- ① What is the output of the following program?  
print("Hello", "Uvaraj")  
Hello Uvaraj
- ② What is the output of the following program?  
print("Hello", "Uvaraj", end=" ")  
print("Are you excited?")  
Hello Uvaraj Are you excited?
- ③ What is the type of output of print statements in Python?  
String.
- ④ In Python, which operator is used as String Concatenation within print() function?  
(+) Plus
- ⑤ In Python programming, which keyword is used for changing default output separator?  
sep.