



# FUNDAMENTALS OF PROGRAMMING

Week 2

Modify Printing





# MODIFY YOUR PRINTING

- »» We are already familiar with the `print()` function (if not, check videos from week 1)
- »» Let's consider how `sep` and `end` parameters can be used to change how the contents of the print method are printed to the console.

## MODIFY YOUR PRINTING: **SEP**

- » **sep** specifies the separator between the arguments.
- » We can use any string in **sep**
- » The default value for **sep** is whitespace ' ' (notice there is a space between the quotation marks)

## EXAMPLES: SEP

```
print('11', '09', '2024', sep='-')  
11-09-2024
```

```
print("apple", "banana", "orange", sep=",")  
apple,banana,orange
```

» File: example6.py

## MODIFY YOUR PRINTING: **END**

- » **end** defines what happens at the end of the string
- » By default, it is ('\\n') *new line*
- » You can change it to anything you like

```
print("hello", end="!")  
hello!
```

## COMBINE SEP + END

```
print("janne", "parkkila", sep=".", end="@")  
print("lut", "fi", sep=".")  
janne.parkkila@lut.fi
```

» File: example7.py