

Lets Face it, now

# Project Oriented Python

## String Manipulation & Programs



# Print format

- Each `print()` ,prints in new line.
- To print continue use “,” at the end.
  - `print “My name is”,`
  - `print “Harish”`
- “%” can be use for formatting
  - %s for string
  - %d for number
    - `print “My name is %s and I am %d year old” %('Harish',44)`
  - %f for floating number
  - %c for character

# String functions

- `mystring = 'this is my string'`
- `string.capitalize()` :
  - `print mystring.capitalize()` # This is my string
- `string.center (width, fillchar):`
  - `print mystring.center(30,'-')` # ----this is my string---
- `string.count(str,beg=0,end=len(string))`
  - `print mystring.count('s',0,20)` # 3
- `string.find(str,beg=0,end=len(string))`
  - `print mystring.find('str',0,20)` # 11

# Other key string function

- `string.join(seq)`
  - `str = '-'`
  - `seqq = ['My', 'Name', 'is']`
  - `print str.join(seqq) ## My-Name-is`
- `lower()`, `upper()`, `lstrip()`, `rstrip()`
- `string.replace(old,new,[,max])`
- `string.split(char)`
  - `print mystring.split(' ') ## ['this', 'is', 'my', 'string']`
- `string.splitlines()`
- To reverse a string: `mystring[::-1] ## gnirts ym si sihT`

Thanks