

Week 4 Summary

CSCA08

Winter 2022

print and strings

- Print function can take multiple arguments from various types.
- More on strings:
 - Multiple lines strings with three quotations
 - The escape character “\” examples: `\n \t \\ \' \"`
 - Escape character does not count as an independent character:
 - `len('Hi\nHi ')`

Methods

- They are functions belonging to an object
- Calling a method:
 - `obj_name.method_name(arguments)`
 - The object is always a default argument for all its methods
 - Even if no other arguments is required we need ()
 - Use `dir` and `help` to find and learn about methods for each object:

`dir(str), dir('my str'),`
`help(str.isalpha), help('my str'.isalpha)`

for loop over iterables

- We can repeat a set of instructions for different values of a variable:

```
for variable_name in iterable_object:
```

```
    instruction
```

```
    ...
```

```
    instruction
```

Each time (iteration) the variable automatically refers to one of the elements in the iterable object (e.g., characters of string)