

WEEK 4 - HOUR 1

TODAY'S TERMINOLOGY

Summary

- Printing
- Scaping characters
- Methods
- String methods
- For Loops

PRINT STATEMENT

Example

```
>>>print("Hello")
Hello
>>>print('CSC', '108') # concatenation + space in between
CSC 108
>>> num = 5
>>>print('Double of num is:', 2 * num)
10
```

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ESCAPE SEQUENCES

TRIPLE SINGLE QUOTES OVER
MULTIPLE LINES



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≡ Example

```
"""
\n: return character
\t: tab character
\' : single quote character
\" : double quote character
\\ : backslash character
"""

>>>'What\'s up'
"What's up"
>>>
```

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METHODS

Definition

Functions that are defined within classes of objects. For instance, strings are objects that have methods.

STRING METHODS

DIR, HELP, AND LOWER DEMO



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WORKSHEET

STRING METHODS



FOR LOOP

Definition

We are able to iterate over the ordered elements in a set.

Attention

Since we are iterating over the elements of a set, we need to provide a temporal variable name to refer to the element in turn. This variable name needs to be representative of the items nature.

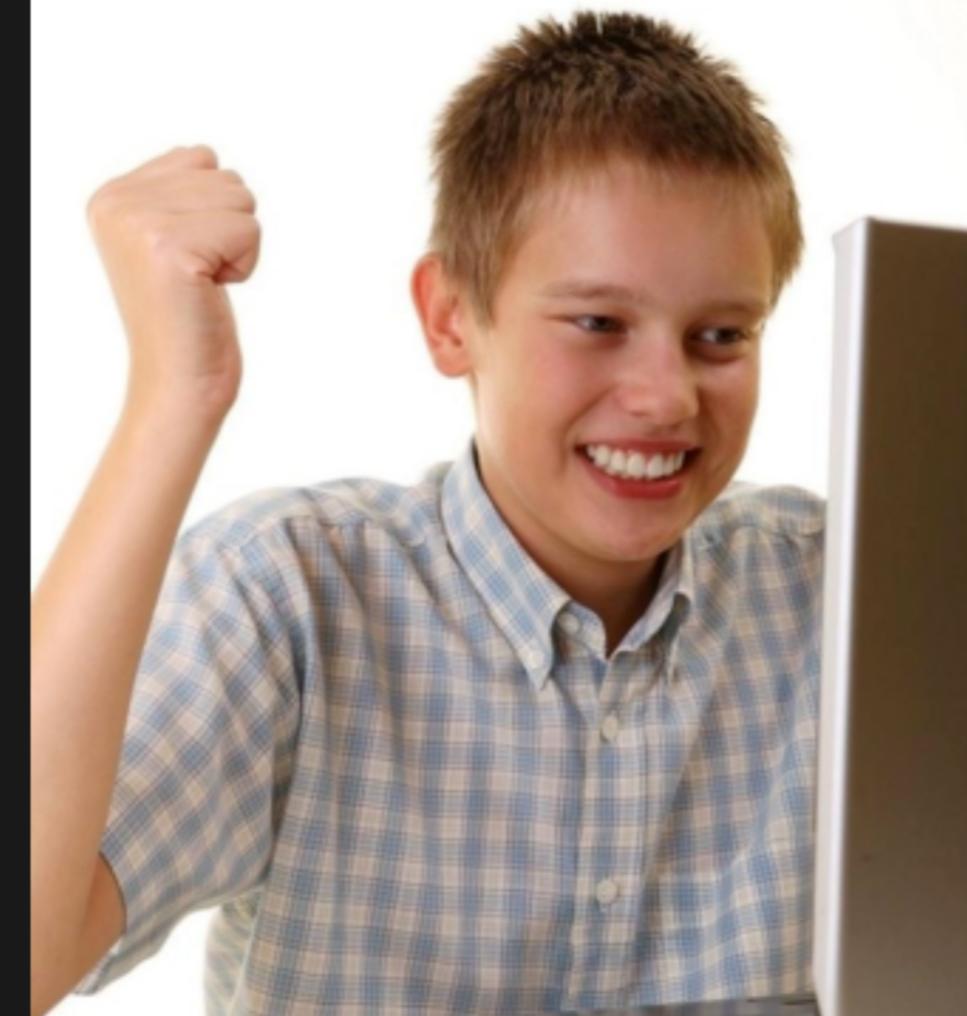
≡ Example

```
>>>str1 = "CSC108"  
>>>for char in str1:  
>>> print(char)  
C  
S  
C  
1  
0  
8
```

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COUNT NUMBER OF CAPITAL LETTERS

I CAN'T BELIEVE IT



ITS DEMO TIME

