

Member Functions

Member function is a special name for a function that is “inside” a datatype.

```
s1 = "hello"  
print s1.upper()
```

would display HELLO instead of hello. The following would not work

```
num = 5  
print num.upper()
```

It would cause an error because num is an int and does not have the .upper() function because .upper() is a member function of string.

Member and non-member

The point of a member function is that it is just like any other function that you use or write, but it is only used with a certain datatype and possibly edits the data. The function `len()` is a function but the functions `.lower()` and `.isdigit()` are member functions.

Are there a lot of member functions?

Yes. There are a lot of member functions that are used for strings and things that store strings and other data. To list them would be a waste of time. I will use them or suggest them in homework assignments and worksheets.