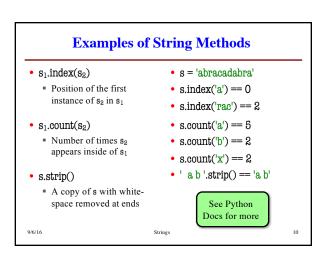


## Advanced String Features: Method Calls • Methods calls are unique (right now) to strings • Like a function call with a "string in front" • Usage: string.method(x,y,...) • The string is an implicit argument • Example: upper() • s = 'Hello World' • s.upper() == 'HELLO WORLD' • s[1:5].upper() == 'ELLO' • 'abc'.upper() == 'ABC'



```
String Extraction Example
def firstparens(text):
                                    >>> s = 'Prof (Walker) White'
  """Returns: substring in ()
                                    >>> firstparens(s)
  Uses the first set of parens
                                    'Walker'
  Param text: a string with ()"""
                                    >>> t = '(A) B (C) D'
                                    >>> firstparens(t)
  # Find the open parenthesis
  start = s.index('(')
  # Store part AFTER paren
  tail = s[start+1:]
  # Find the close parenthesis
  end = tail.index(')')
  # Return the result
  return tail[:end]
                                Strings
                                                                     11
```

