iterable, 82 iterator, 83	PEP 5,5 PEP 6,2
	PEP 8, 8, 32, 70
K	PEP 238,81
key function, 83	PEP 275,40
keyword argument, 83	PEP 278,88
L	PEP 302, 81, 83
	PEP 343,79 PEP 362,78,85
lambda, 83	PEP 411,86
LBYL, 83	PEP 420, 81, 84, 86
list comprehension 83	PEP 443,81
list comprehension, 83 loader, 83	PEP 451,81
104461, 65	PEP 483,81
M	PEP 484,77,81,88
magic	PEP 492, 78, 79
method, 83	PEP 498,80
magic method, 83	PEP 519,86
mapping, 83	PEP 525, 78
meta path finder, 84	PEP 526, 77, 88
metaclass, 84	PEP 572,39
method, 84	PEP 602,4
magic, 83	PEP 3116,88
special, 87	PEP 3147, 32
method resolution order, 84	PEP 3155,86
module, 84	PYTHONDONTWRITEBYTECODE, 33
module spec, 84 MRO, 84	Pythonic, 86
mutable, 84	Q
	qualified name, 86
mutable, 84	
mutable, 84	qualified name, 86
Mutable, 84 N named tuple, 84	qualified name, 86
N named tuple, 84 namespace, 84	qualified name, 86 R reference count, 87 regular package, 87
N named tuple, 84 namespace, 84 namespace package, 84	qualified name, 86 R reference count, 87
mutable, 84 N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87
mutable, 84 N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87
mutable, 84 N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85 path entry, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T TCL_LIBRARY, 72
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T TCL_LIBRARY, 72 text encoding, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85 path entry, 85 path entry finder, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T TCL_LIBRARY, 72
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85 path entry, 85 path entry finder, 85 path entry hook, 85	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T TCL_LIBRARY, 72 text encoding, 87 text file, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85 path entry, 85 path entry finder, 85 path entry hook, 85 path-like object, 85 PEP, 86 portion, 86	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T TCL_LIBRARY, 72 text encoding, 87 text file, 87 TK_LIBRARY, 72
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85 path entry, 85 path entry finder, 85 path entry hook, 85 path-like object, 85 PEP, 86 portion, 86 positional argument, 86	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T TCL_LIBRARY, 72 text encoding, 87 text file, 87 TK_LIBRARY, 72 triple-quoted string, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85 path entry, 85 path entry finder, 85 path entry hook, 85 path-like object, 85 PEP, 86 portion, 86 positional argument, 86 provisional API, 86	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T TCL_LIBRARY, 72 text encoding, 87 text file, 87 TK_LIBRARY, 72 triple-quoted string, 87 type, 87
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85 path entry, 85 path entry finder, 85 path entry hook, 85 path-like object, 85 PEP, 86 portion, 86 positional argument, 86 provisional API, 86 provisional package, 86	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T TCL_LIBRARY, 72 text encoding, 87 text file, 87 TK_LIBRARY, 72 triple-quoted string, 87 type, 87 type alias, 87 type hint, 88
N named tuple, 84 namespace, 84 namespace package, 84 nested scope, 84 new-style class, 85 O object, 85 P package, 85 parameter, 85 difference from argument, 12 PATH, 49, 50 path based finder, 85 path entry, 85 path entry finder, 85 path entry hook, 85 path-like object, 85 PEP, 86 portion, 86 positional argument, 86 provisional API, 86	qualified name, 86 R reference count, 87 regular package, 87 S sequence, 87 set comprehension, 87 single dispatch, 87 slice, 87 special method, 87 special method, 87 statement, 87 T TCL_LIBRARY, 72 text encoding, 87 text file, 87 TK_LIBRARY, 72 triple-quoted string, 87 type, 87 type alias, 87

112 Index