Class Definitions
class A : pass
class B : pass
class C(A,B): pass
class D(B,A): pass
class E(C,D): pass

C’s order requires, checking A then B
D’s order requires, checking B then A

Which means this class is not legal.
There can be no legal method
resolution order.

If we start the algorithm, we would
find we should visit E first, then C,
then D, but then we could not visit A
(class D says to visit B before A) and
could not visit B (class C says to visit A
before B).

If we changed class D to

class D(A,B): pass

We would process the nodes in the
following order: E, C, D, A, B, object