

Class Definitions

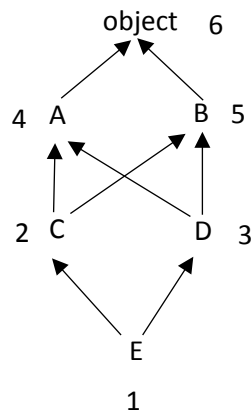
```

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