

## Constructor chaining

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- ❑ Constructor can call other constructors of the same class or superclass
- ❑ Constructor call from a constructor must be the first step. (call should appear in the first line)
- ❑ Such series of invocation of constructors is known as **constructor chaining**.



```
Example.java
2  {
3      public A()
4      {
5          System.out.println("A 1");
6      }
7  }
8      class B extends A
9      {
10         public B()
11         {
12             this(4);
13             System.out.println("B 1");
14         }
15         public B(int k)
16         {
17             System.out.println("B 2");
18         }
19     }
20     public class Example
21     {
22         public static void main(String []args)
23         {
24             B o1=new B();
25         }
26     }
```

## super() or this()

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- ❑ First line of constructor is either `super()` or `this()` (by default `super()`)
- ❑ Constructor never contains `super()` and `this()` both.

