Using @Nullable

```java
public void doit2(boolean pTest, @Nullable String pString1, @NonNull String pString2)
{
    String init = null;
    if( pTest )
    {
        init = pString1;
    }
    else
    {
        init = pString2;
    }
    init.toString();
}
```

Note: In my original slide the "F" (=else) branch was orange, but this was a clear oversight. The point of the @NonNull annotation is to tell the intra-procedural analysis that the annotated value cannot be null. So if we assign a value guaranteed not to be null to the init variable, this variable is also guaranteed not to be null. However, when the branch merges, the value stays nullable because of the possibility that the true branch was taken.