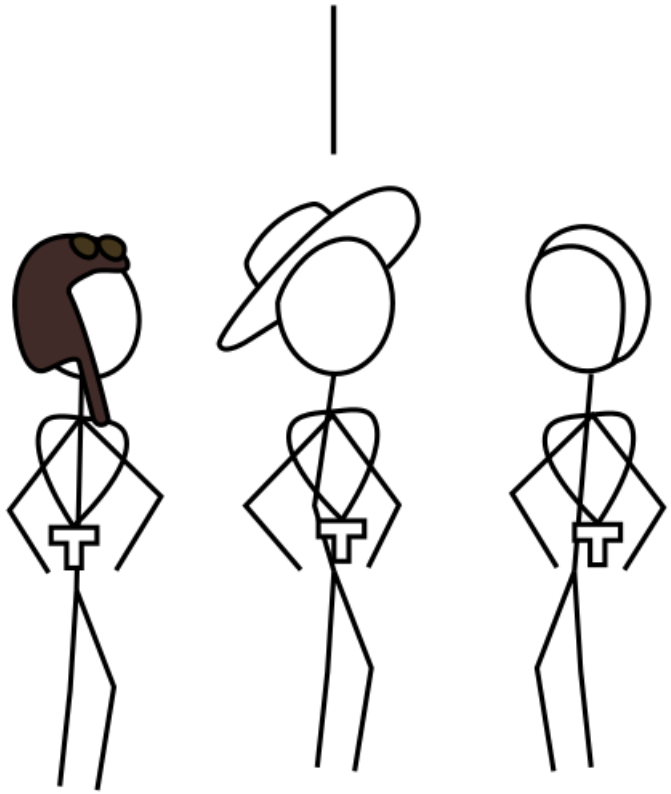
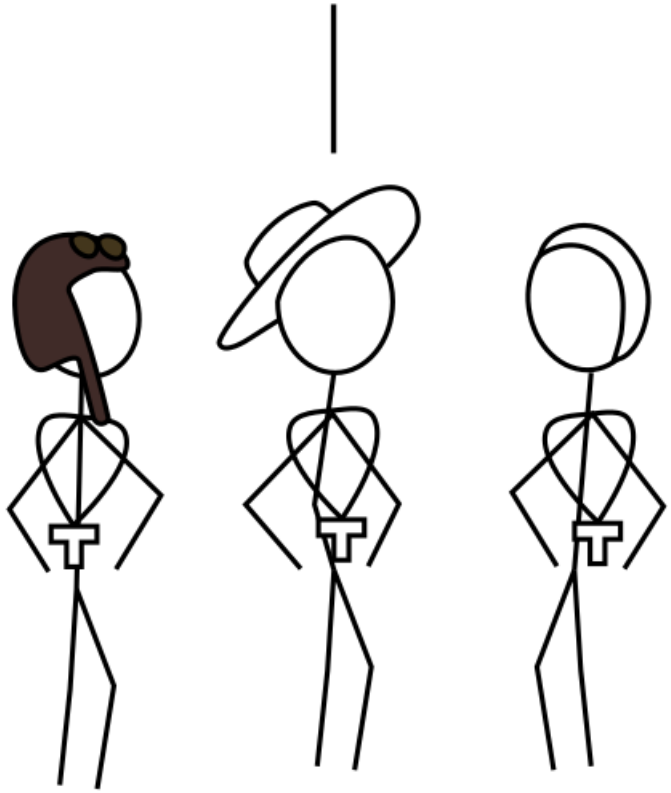
Coding is not easy!

One would think that `Math.round(1005/1000*100)`
would give `Math.round(100.5)`
which is `101`



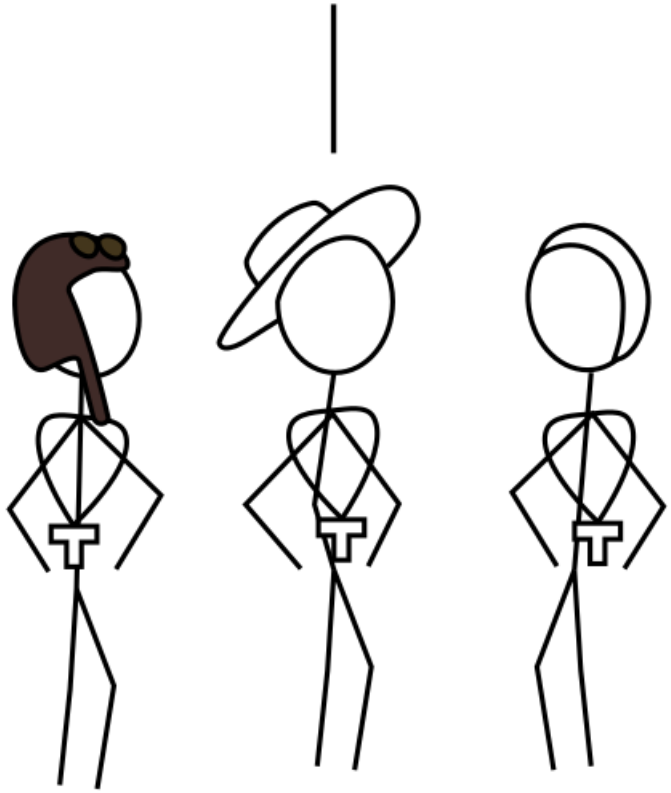
But actually it gives `Math.round(100.49999)`
which is `100` ***and not*** `101`.



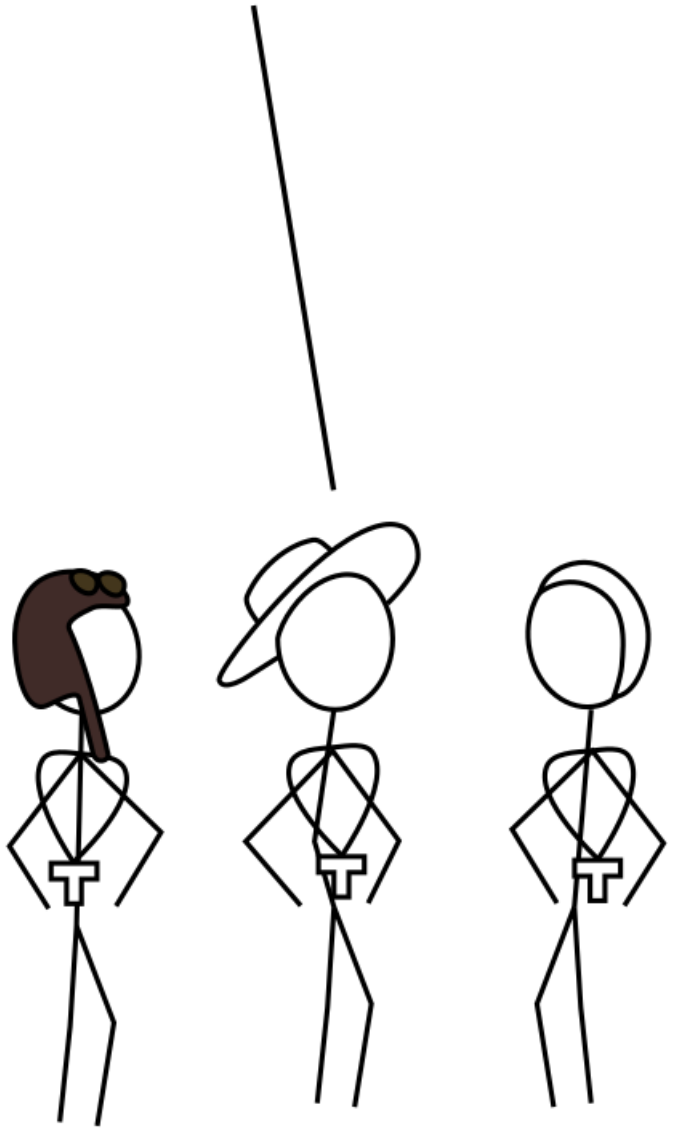
It might not be that bad, except that

```
result = Math.round(1005/1000*100)
if(result>100)
```

would give an FALSE *instead of* TRUE*!*

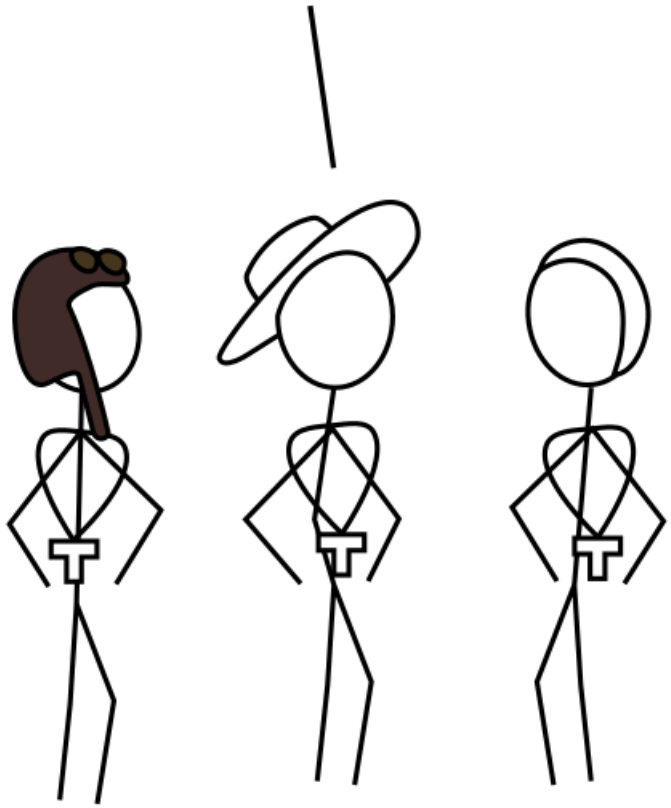


You might think: "1005 is only a single value",
but how many others are there?

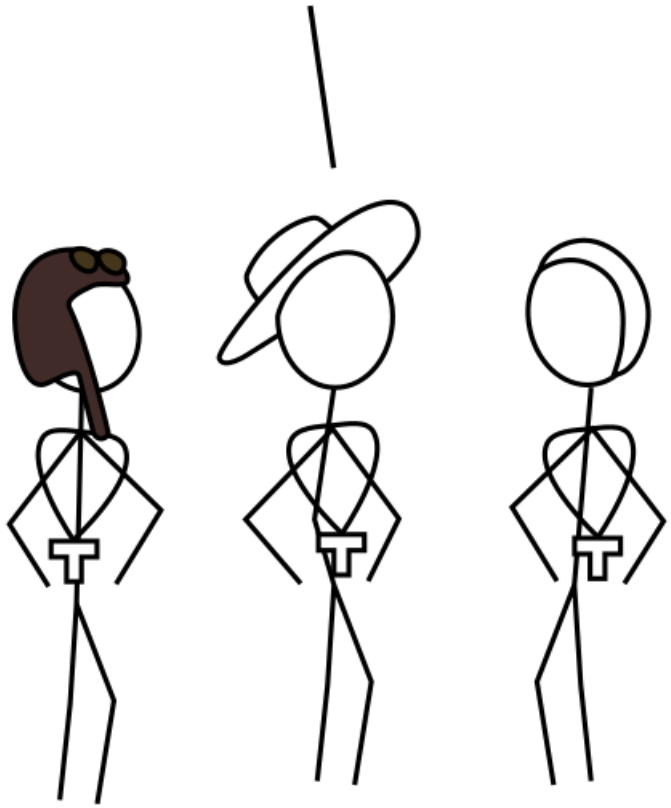
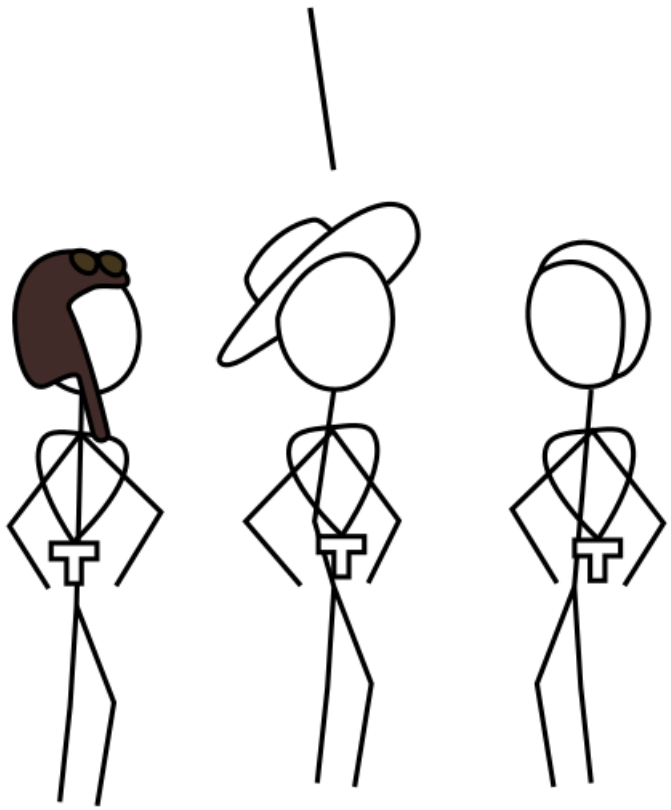


1005 → 100.49999
1035 → 103.49999
1045 → 104.5
1055 → 105.5
1215 → 121.50000000000001
1255 → 125.499999

This is one of the reasons you need testing to catch:
"You think you are right, but you are not"



This might seem like sacrilege to you,
but that is how things are.



Try it out For your selF in Python or JavaScript!
In other languages you might need to Force it to
a 32bit Float