

in class: Lab 1 — `MyMath.roundn()` [L1-01]

Enhance Lab 0 by:

- ① fixing "truncation bug"
- ② adding `MyMath.roundn()` to round to  $n$  decimal places
- ③ re-writing `MyMath.round3()` to just call `MyMath.roundn()`

① add 0.5 to  $x$  before dividing.

② new method

• instead of 1000, use

`Math.pow(10, n)`

③ one-line body!

```
{ return roundn(x, 3);
```

```
}
```

// eliminated redundancy

```
public static double
roundn(double x,
int n) {
```