

Day30 Cow class
Due Monday 10/30/23

Create a new repl and write the Cow class as detailed below. Write tests to show that everything works as detailed below.

Start it below the Main class like this:

```
Main.java x +
Main.java
1 class Main {
2   public static void main(String[] args) {
3     System.out.println("Hello world!");
4   }
5 }
6
7 class Cow
8 {
9
10 }
```

You are going to write a **Cow** class. The number of times a cow is milked is tracked and updated each time the cow is milked. The following examples illustrate the behavior of the **Cow** class.

Code Segment	Output produced
<code>Cow bessie = new Cow("holstein", "moo");</code>	
<code>System.out.println(bessie.getSound());</code>	"moo"
<code>System.out.println(bessie.getType());</code>	"holstein"
<code>bessie.milkCow();</code>	
<code>System.out.println(bessie.getNumMilking());</code>	1
<code>bessie.milkCow();</code>	
<code>bessie.milkCow();</code>	
<code>System.out.println(bessie.getNumMilking());</code>	3

Write the **Cow** class. You need to determine the necessary instance variables and constructors. Your implementation must be consistent with the specification and the given examples.

After you write the Cow class, write tests that show that all of the described functionality is present.

Turn in a share link when you are done.