Warmup/Attendance: [Week 1: Friday 8/28/2026] Full Name:

- As you sit down in class, start working with the people around you to try to solve these problems
- These are *not* graded for correctness, but you will turn this sheet in for attendance at the end of class.
- We'll discuss the solutions in lecture today.

What type of variable is "age"?

Classify the recorded variable as **continuous numerical**, **discrete numerical**, **nominal categorical**, or **ordinal categorical**.

1.

- Age ranges of television audiences/demographics

2.

- Ages of UC Berkeley students

3.

- The age of a lightbulb (time until it stops working)

Basic coding

Make your best educated guess about what the following blocks of code will do when run.

4.

What will happen if you run this code?

```
1 + "one"
```

5.

What will happen if you run this code?

```
a <- c(1, 2, 3, 4)
sqrt(log(a))
```

6.

What will happen if you run this code?

```
a <- 1 + 2
a + 1
```

7.

What will happen if you run this code?

```
a <- c(1, 3.14, "seven")
class(a)
```