

## XP Booster

February 16

This week you will be working **SOLO**. You have 10 minutes.

1. Mr. Merrick Writes the following code below:

```
1 food <- c('ice cream', 'cake', 'ice cream', 'pie', 'pie')
2 sum(food=='cake')
```

What will be displayed in the console when the code runs?

2. Consider the code below (note that 'food' contains an arbitrary number of strings):

```
1 food <- c('ice cream', 'cake', ..., 'ice cream', 'pie', 'pie')
```

Write a script that calculates the proportion of items in food that are 'cake'.

3. The dataset 'birds.csv' is in the current working directory. Write the code that will load the dataset into R below.

4. The birds dataset is tidy with 3 variables: Type, Weight, and Height, and 12 observations. Fill in what the dataset could look like below:

⋮			