std::bind() Exercises

Generalized predicate

- Imagine we want to call count_if() and use the following function as a predicate

```
bool match(const string& animal, const string& value) {
    return animal == value;
}
```

- Why does this not work?

- Suggest two different ways it could be made to work as intended

std::bind()

- Explain what std::bind() does

Placeholder arguments

- What syntax is used for placeholder arguments?

std::bind() example

- Rewrite the example from the first slide so that it works correctly, using std::bind()

Lambda equivalent

- Rewrite the example from the first slide so that it works correctly, using a lambda with capture and a lambda-local variable