

Stream Member Functions and Formatting

Exercises

- What does `setw()` do?
- Describe how to use `setw()`

- Write a simple program which produces the following formatted output

```
Penguins 5  
Polar Bears 2
```

- What is meant by "justification" in the context of text formatting?
- How can the justification be changed in C++?

- What effect does applying the setfill manipulator have on the output?
- Write a simple program which produces the following formatted output

```
#####Penguins 5
```

```
###Polar Bears 2
```

- Write a program that uses manipulators to display the following output. The names should be lined up on the left and the numbers lined up on the right:

Lions 4

Chimpanzees 23

Wildebeest 247