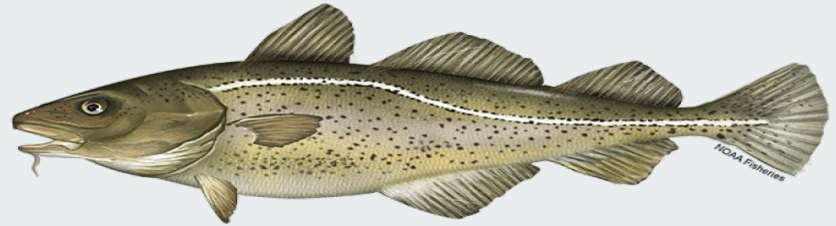


Cod

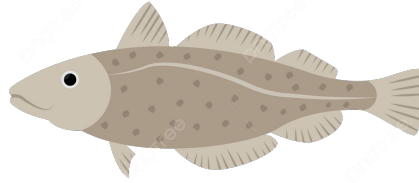
Programming Language: CMSI 3802

By: Troy Wu, Khalid Stewart, Aidan Esposito

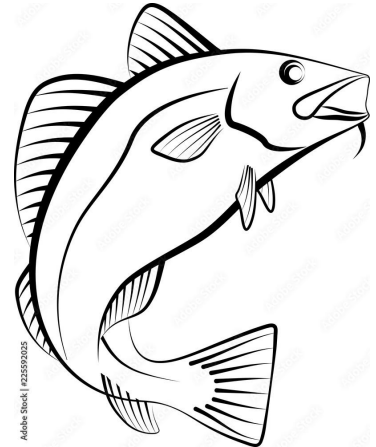
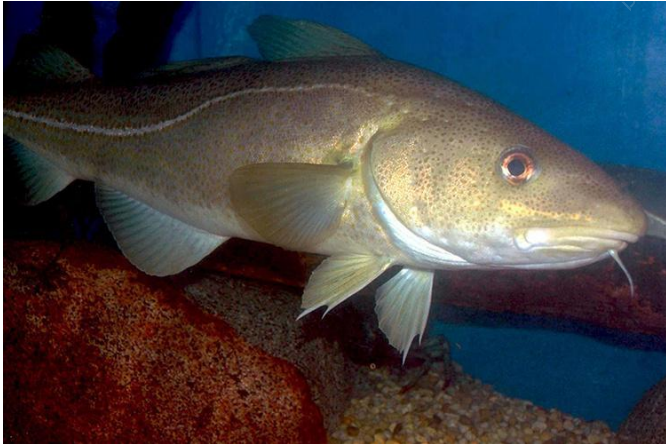


What is Cod?

- Introduction of Cod
- Story of Cod
- Cod details



for = stream
public = ocean
private = lake
Boat = struct
Class = school
Void = lost
While = Tide
Return = Reel
Break = Snap
Continue = flow
Try = Pitch
Num = fish
Null = Sock
True = hooked
False = unhooked
Let = land



Example Code



```
1 cast: "Hello World!"
```



```
1 number[] x = [1,2]
```



```
1 ocean number Hundred(){
2     number x = 0
3     stream i in 1 <.. 100{
4         cast: x
5         x++
6     }
7 }
8
9 Hundred()
```



```
1 ocean number fibonacci(n){
2     reel fibHelper(a, b, count) {
3         if count == 0 {
4             reel a
5         }
6         reel fibHelper(b, a + b, count - 1)
7     }(0, 1, n)
8 }
9
10 ocean number printFibonacci(count){
11     if count <= 0{
12         cast: "Please enter a postive number"
13         reel
14     }
15
16     cast: "Fibonacci Sequence:"
17     stream i in 0 ..< count {
18         cast: fibonacci(i)
19     }
20 }
21
22 printFibonacci(10)
```

