

EE 200 Lecture 5: More on pointers

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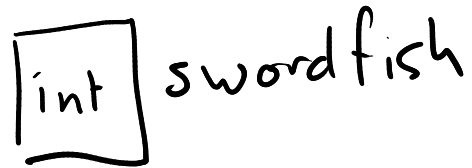
Types again

Variables have types:

```
int swordfish;
```

```
int* salmon;
```

```
int** haddock;
```



What types will these expressions have?

&swordfish int*

&salmon int**

&haddock int***

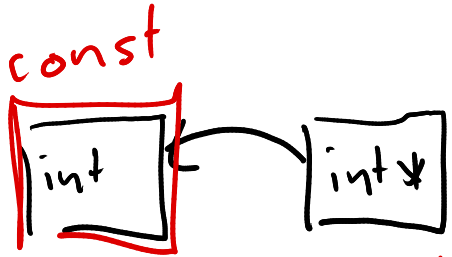
*swordfish illegal, not a pointer!

*salmon int

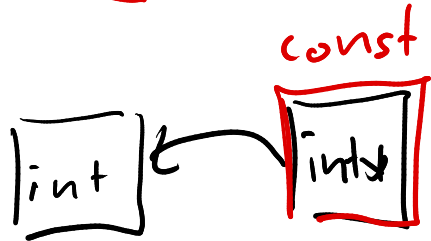
haddock int

const

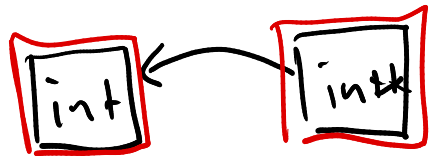
Read const expressions from right to left:



```
const int * swordfish;
```



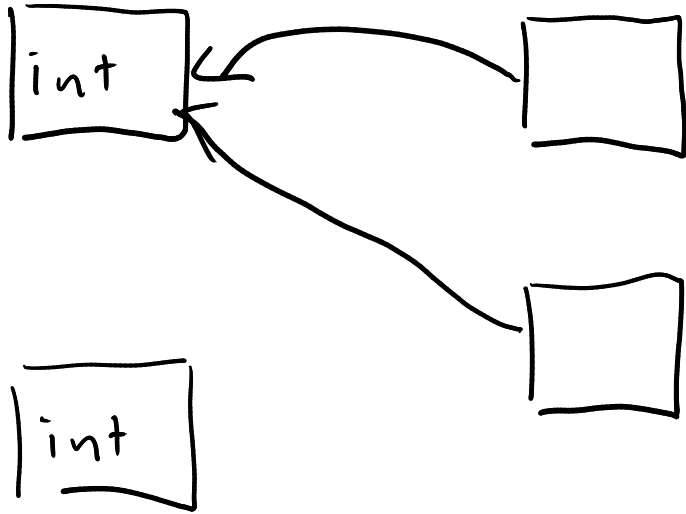
```
int * const tuna;
```



```
const int * const haddock;
```

Assigning pointers

Dereferencing a pointer just "follows its arrow"



ProTip: VSCode with SSH

Homework 4 is hosted on Github

You should have received an invite link by email.

[https://github.com/tuftsee200/ee200-hw4-\[your name\]/invitations](https://github.com/tuftsee200/ee200-hw4-[your name]/invitations)

Code should be submitted on Gradescope by next Tuesday (9/26)

Homework 3 results are released, you can resubmit until 9/26