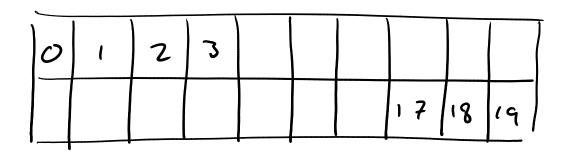
EE 200 Lecture 7: Arrays of arrays and pointers

Steven Bell 28 September 2023



Suppose we have the declaration



Draw a diagram showing how this is laid out in memory



Suppose we have the declaration

```
int A[2][10]
```

What is the type of:

Α

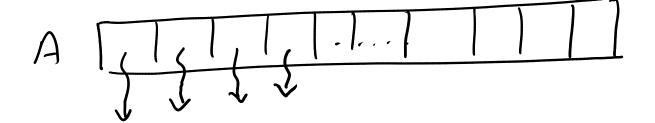
*****A

**A

Suppose we have the declaration

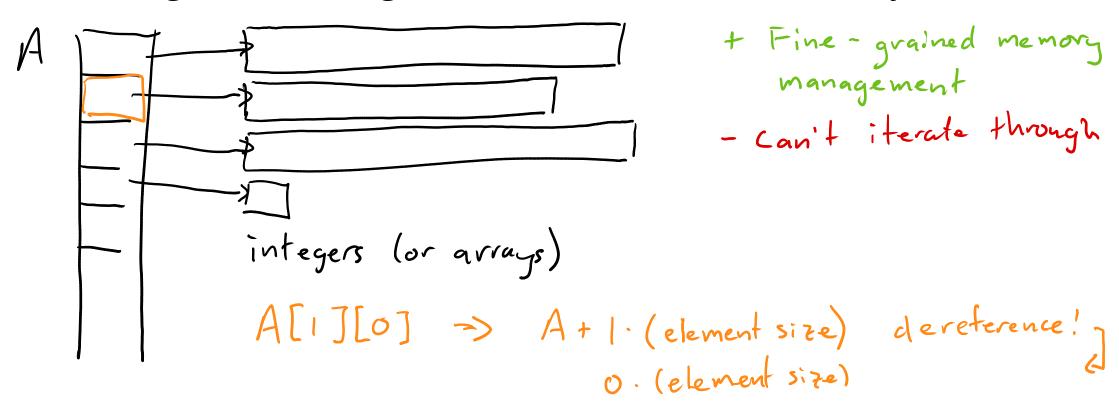
int* A[10]

Draw a diagram showing how this is laid out in memory



Suppose we have the declaration

Draw a diagram showing how this is laid out in memory



Pointers to functions?!

Nice if you want to pass a function to a function.

See SDL_AddTimer()

https://www.libsdl.org/release/SDL-1.2.15/docs/html/sdladdtimer.html

Make

Make provides a way to script your build process

make *TARGET*

Build the named target

Upcoming deadlines

Homework 5 is due tomorrow at 11:59pm

Homework 4 resubmission due Tuesday at 4:30pm

Homework 6 posted, due Friday 10/6 at 11:59pm

Progress dashboard updated today (but not HW 2 or Perusall)