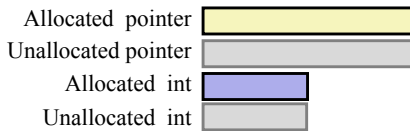
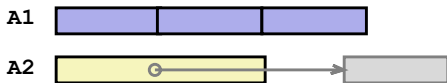


Understanding Pointers & Arrays #1

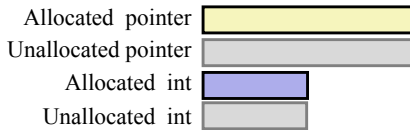
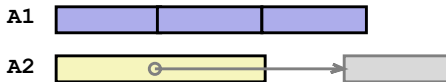
Decl	A1 , A2			*A1 , *A2		
	Comp	Bad	Size	Comp	Bad	Size
<code>int A1[3]</code>			12			4
<code>int *A2</code>			8			4



- **Comp: Compiles (Y/N)**
- **Bad: Possible bad pointer reference (Y/N)**
- **Size: Value returned by `sizeof`**

Understanding Pointers & Arrays #1

Decl	A1 , A2			*A1 , *A2		
	Comp	Bad	Size	Comp	Bad	Size
<code>int A1[3]</code>	Y	N	12	Y	N	4
<code>int *A2</code>	Y	N	8	Y	Y	4

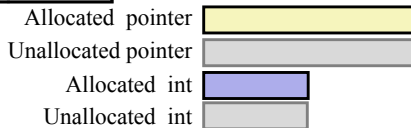
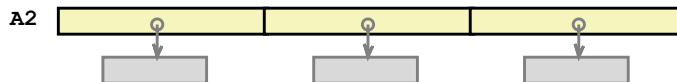


- **Comp: Compiles (Y/N)**
- **Bad: Possible bad pointer reference (Y/N)**
- **Size: Value returned by `sizeof`**

Understanding Pointers & Arrays #2

Decl	An			*An			**An		
	Cmp	Bad	Size	Cmp	Bad	Size	Cmp	Bad	Size
int A1[3]			12			4		Y	
int *A2[3]			24			8		Y	
int <u>(*A3)[3]</u>			8			12			4

the $*A3 = A1$



Understanding Pointers & Arrays #2

Decl	An			*An			**An		
	Cmp	Bad	Size	Cmp	Bad	Size	Cmp	Bad	Size
int A1[3]	Y	N	12	Y	N	4	N	-	-
int *A2[3]	Y	N	24	Y	N	8	Y	Y	4
int (*A3)[3]	Y	N	8	Y	Y	12	Y	Y	4

