

Parse Tree, AST, and Type Tree

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Version of 3:59 PM 8-Feb-2022
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Declaration

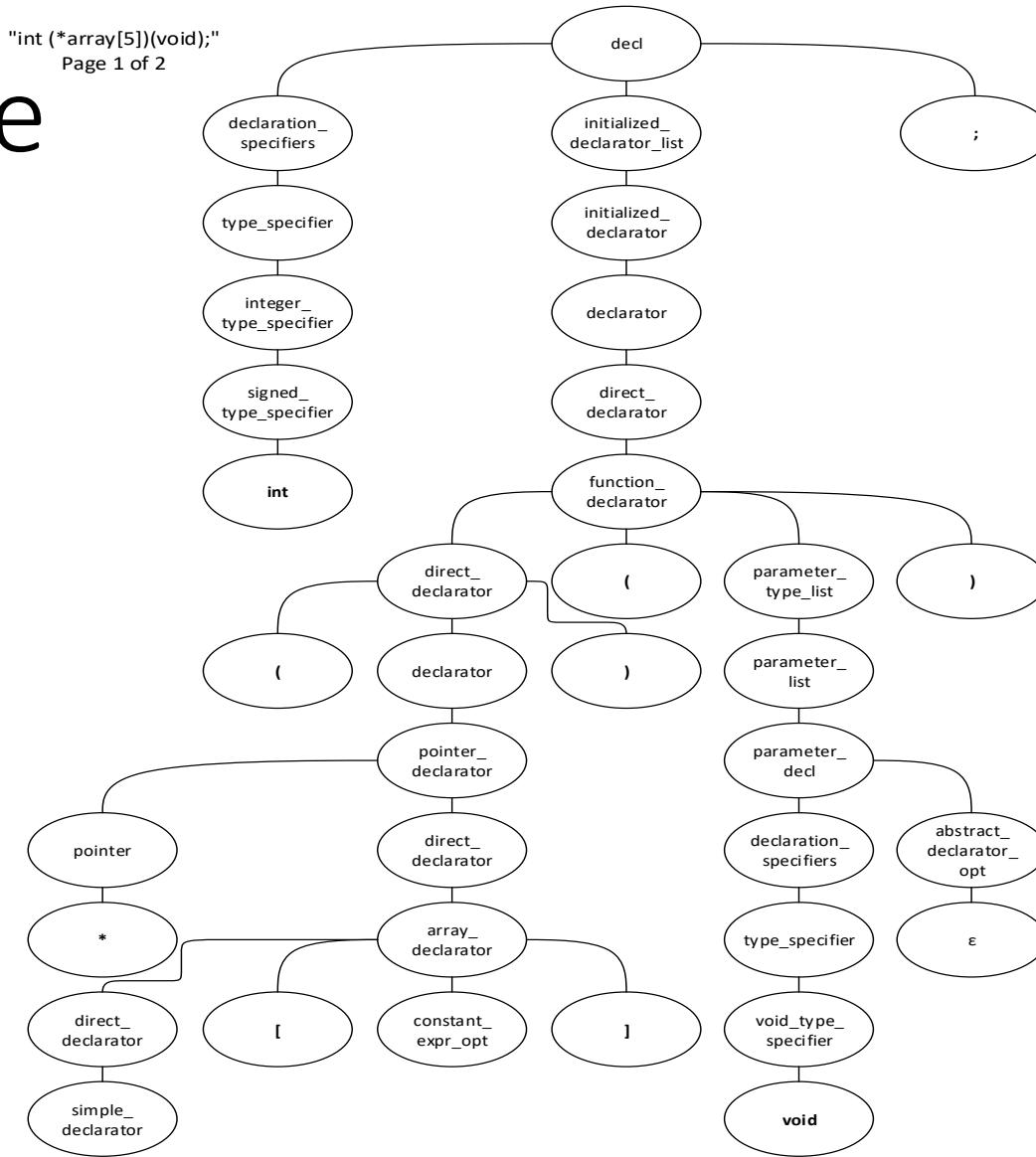
- `int (*array[5])(void);`

- Means:

“array” is an array of 5 pointers to functions that take no parameters and return an int

Parse Tree

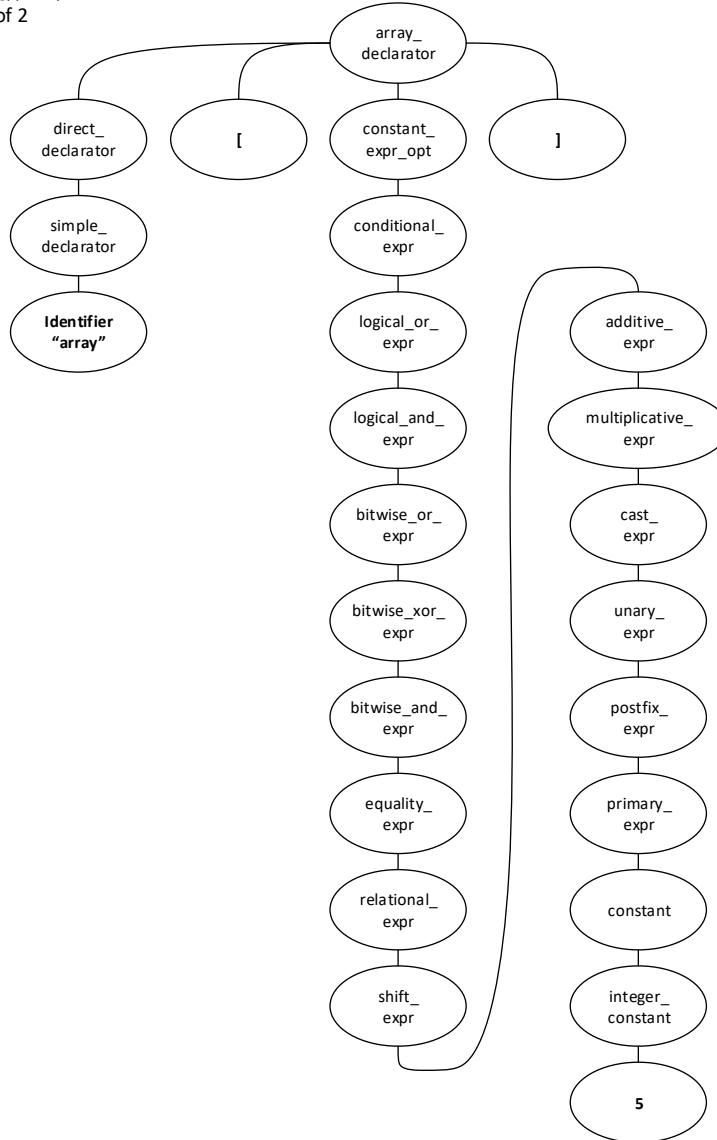
(1 of 2)



Parse Tree

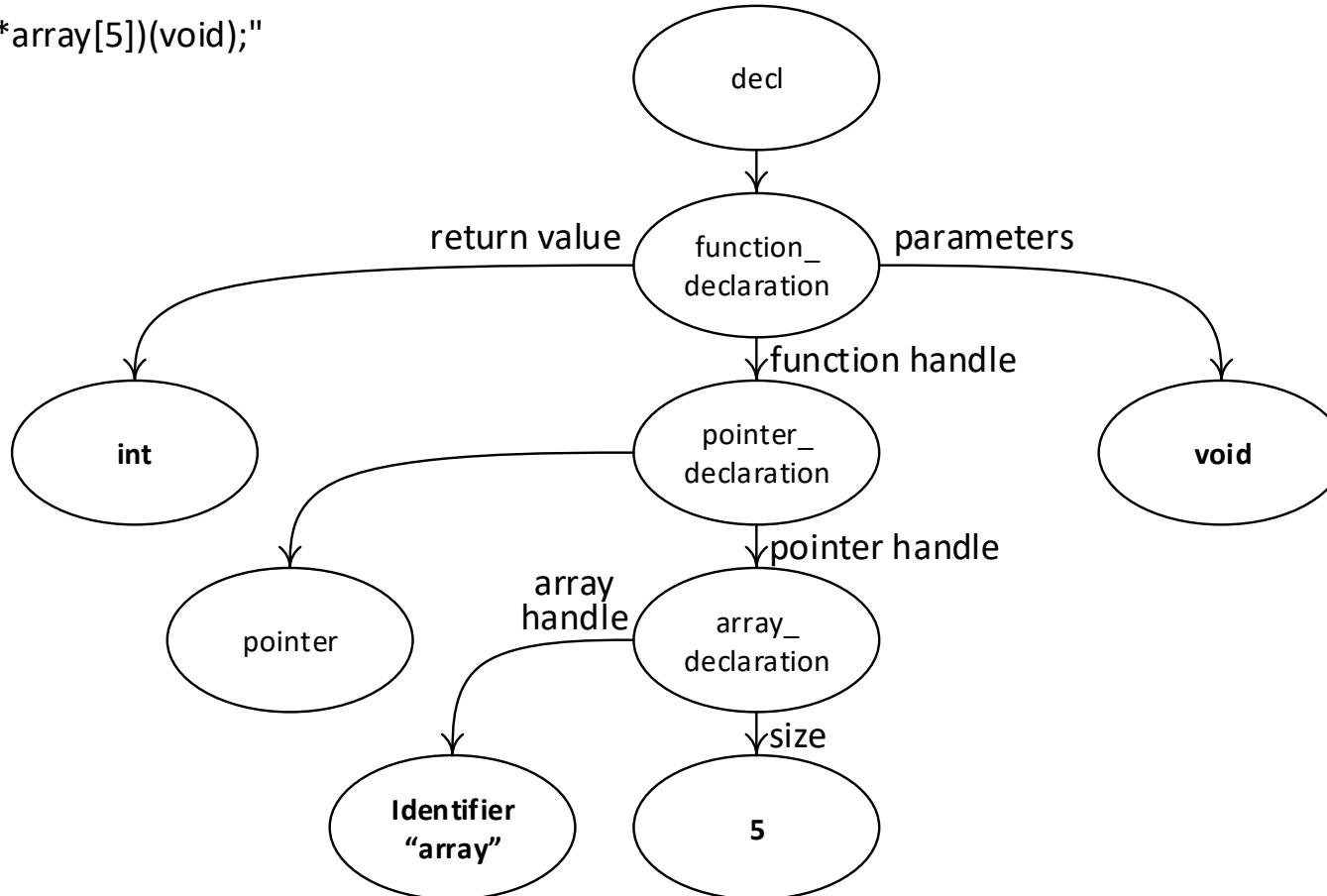
(2 of 2)

"int (*array[5])(void);"
Page 2 of 2

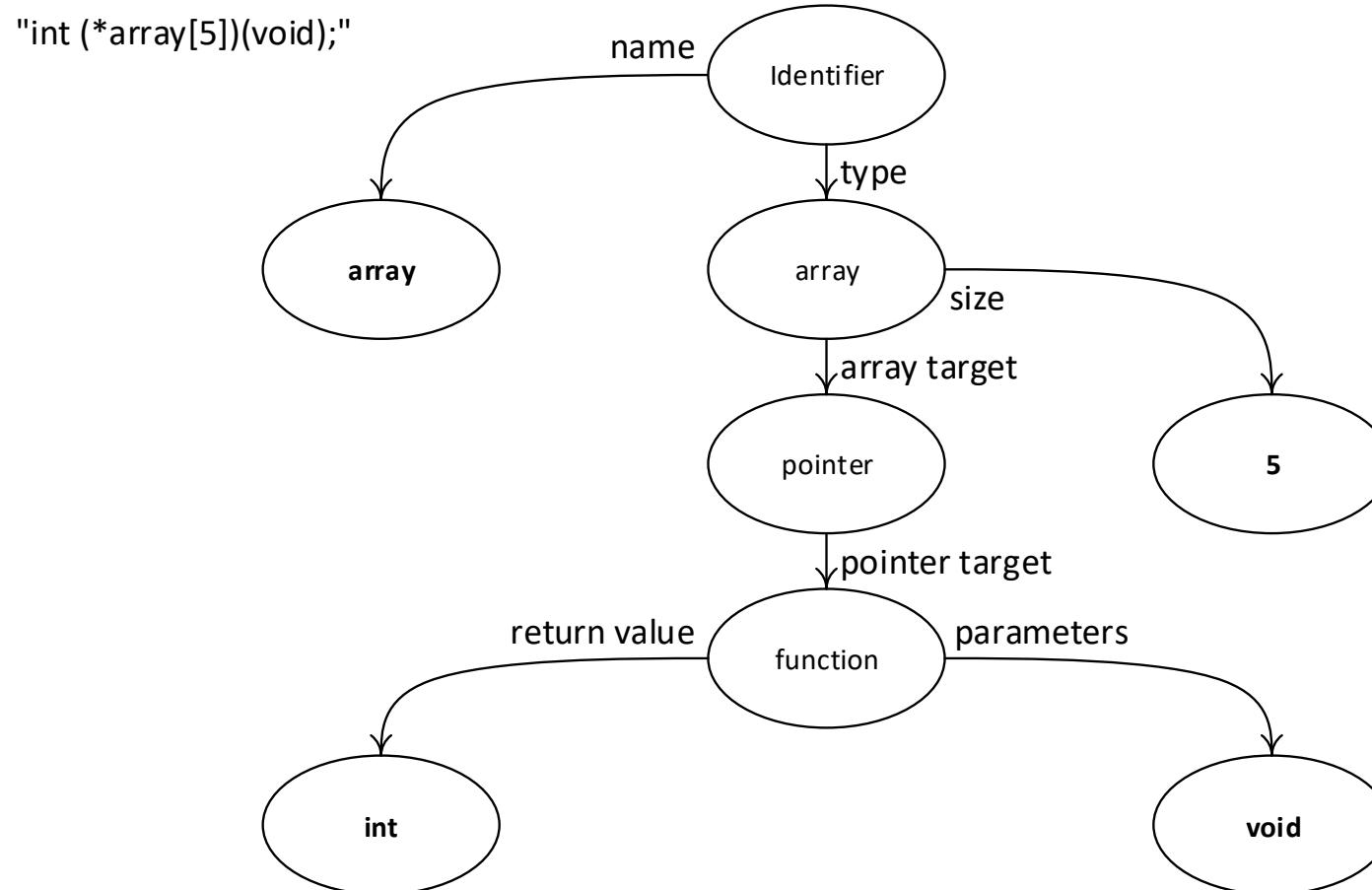


Abstract Syntax Tree (AST) for **int (*array[5])(void);**

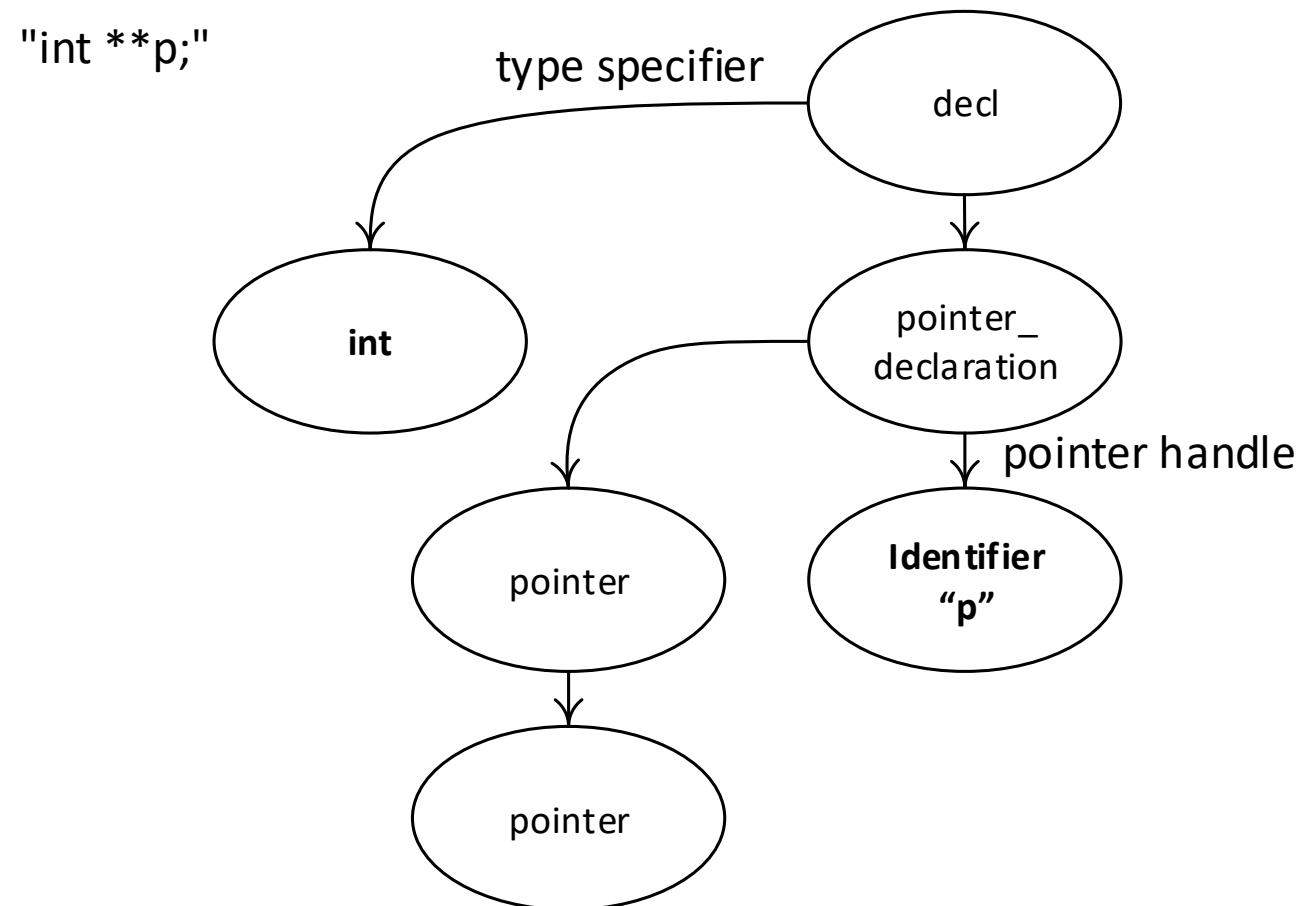
"int (*array[5])(void);"



Type Tree for **int (*array[5])(void);**



Abstract Syntax Tree (AST) for **int ***p;**



Type Tree for **int ***p;**

