C language notes

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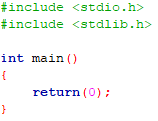
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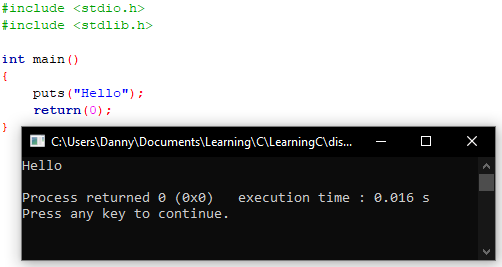
[Asterisk operator 38](#_Toc66029258)

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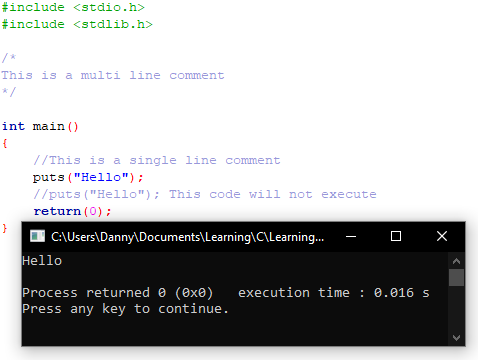
# Basic structure

****

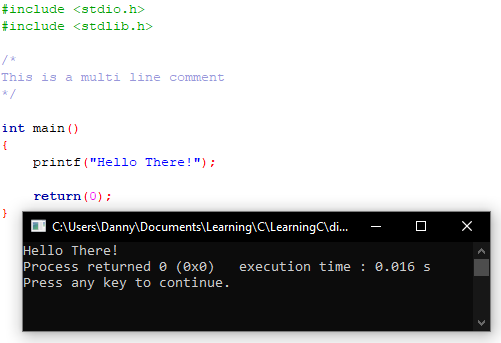
# Sending text to output with puts

****

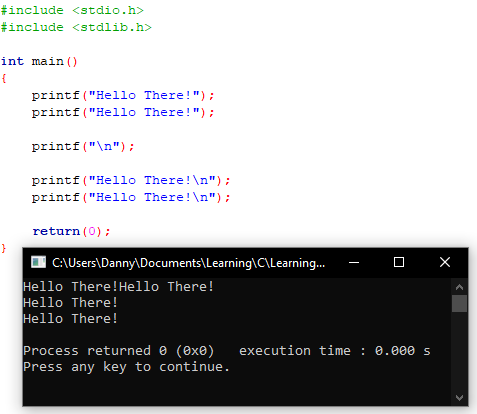
# Comments

****

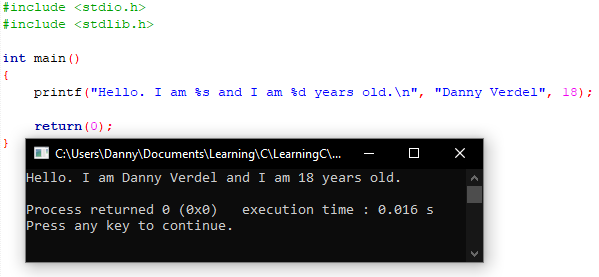
# Printf()



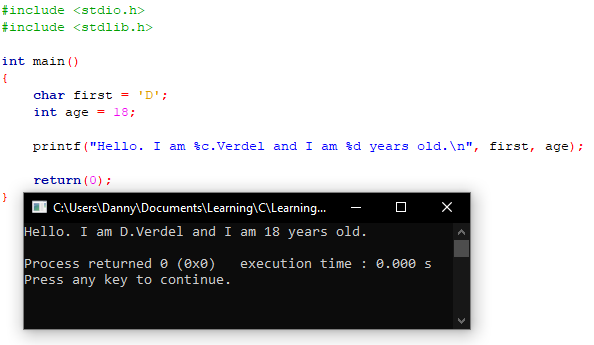
# Escape sequences



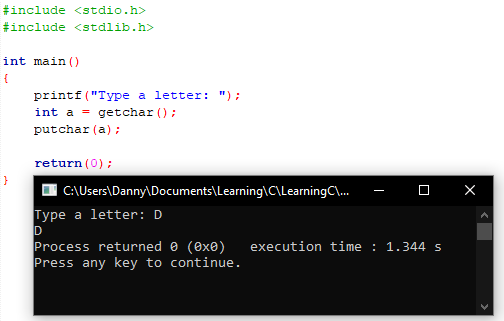
# Placeholders and values



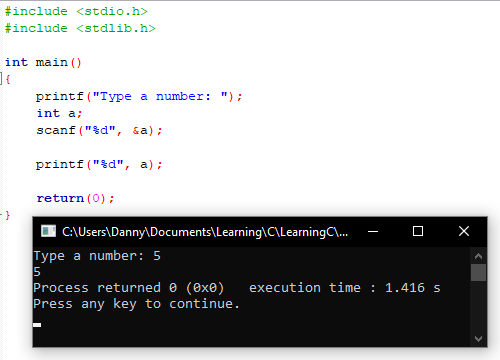
# Variables



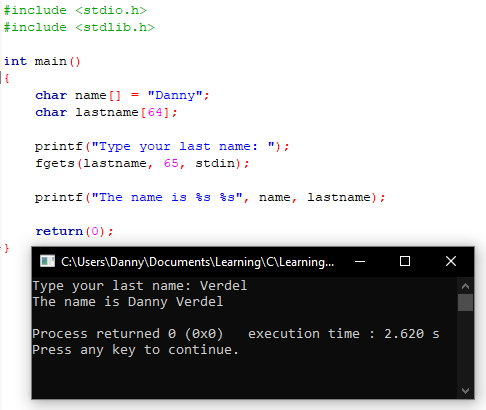
# Using Input and Output



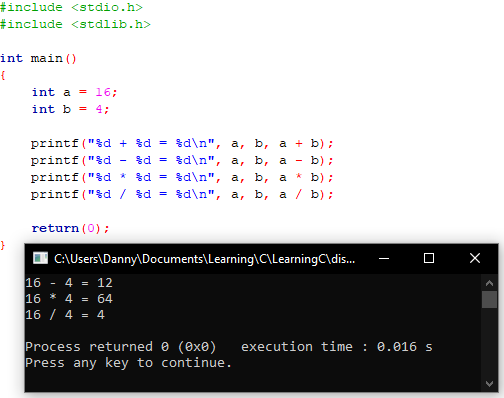
# Scanf()



# Strings

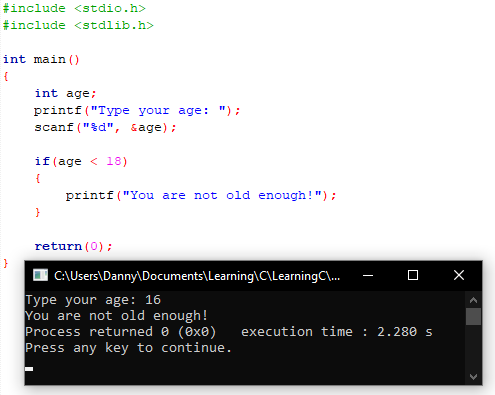


# Doing Math

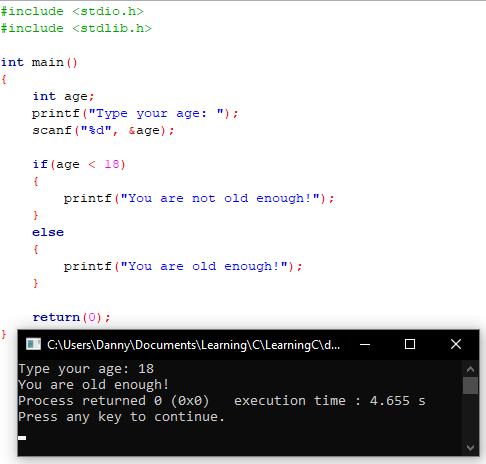


# If statements

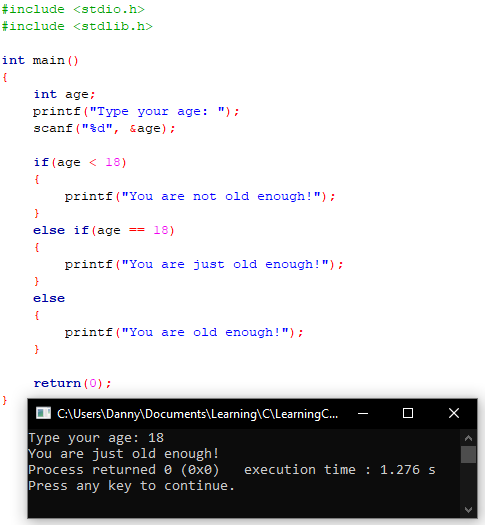
## Single if statement



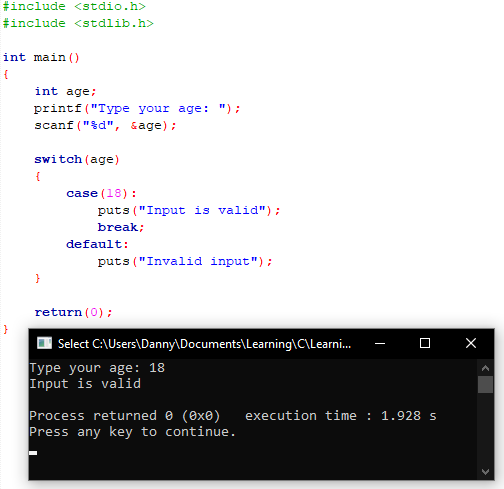
## Else



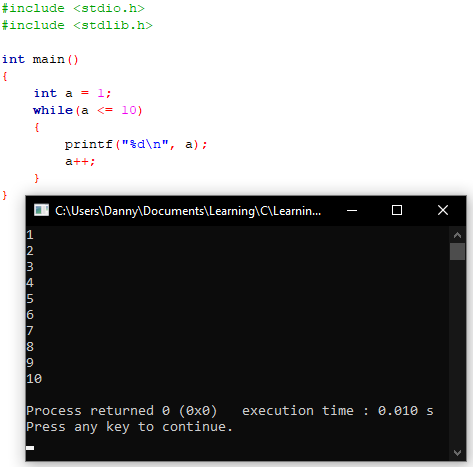
## Else if



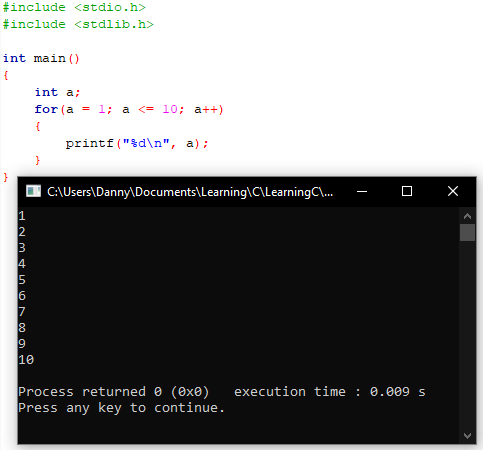
# Switch



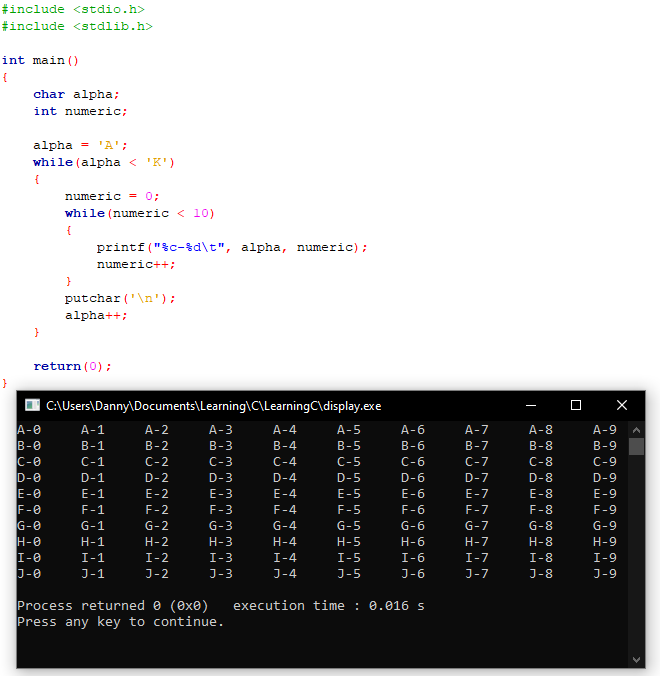
# While



# For

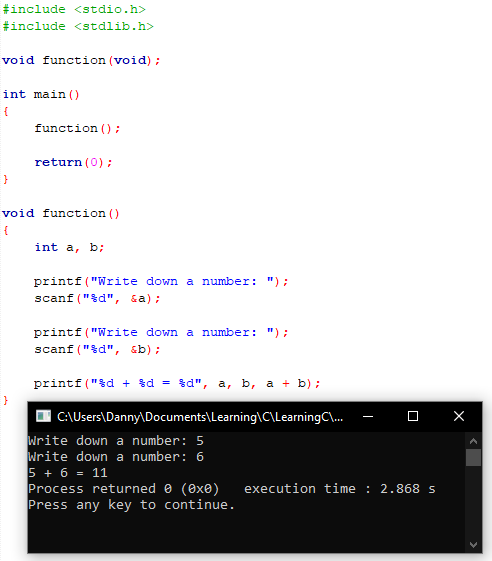


# Nested loops

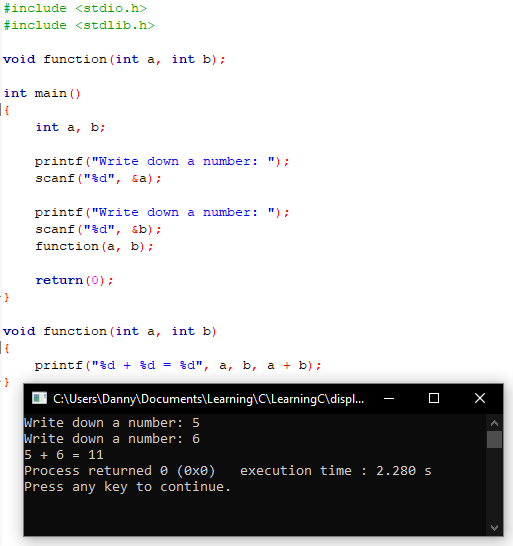


# Functions

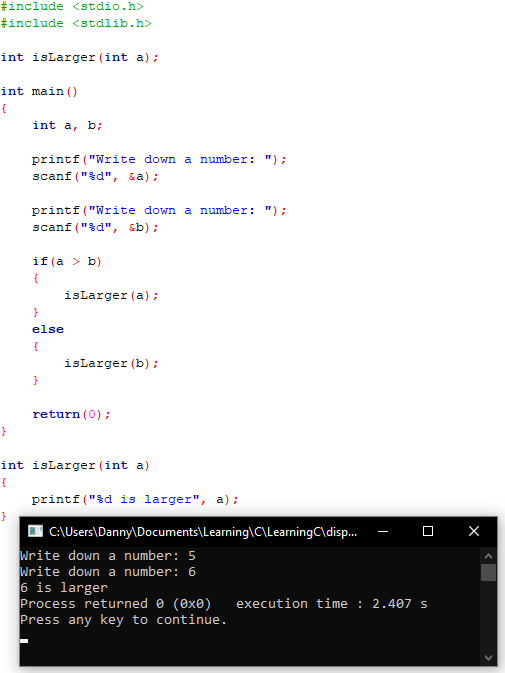
## Normal functions



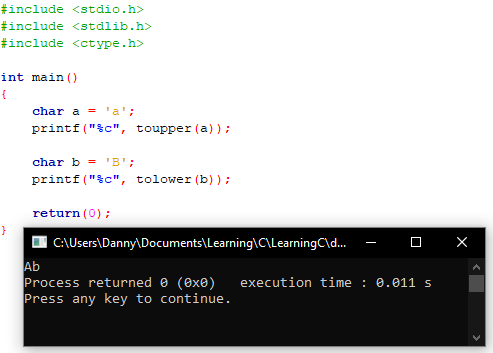
## Passing values to functions



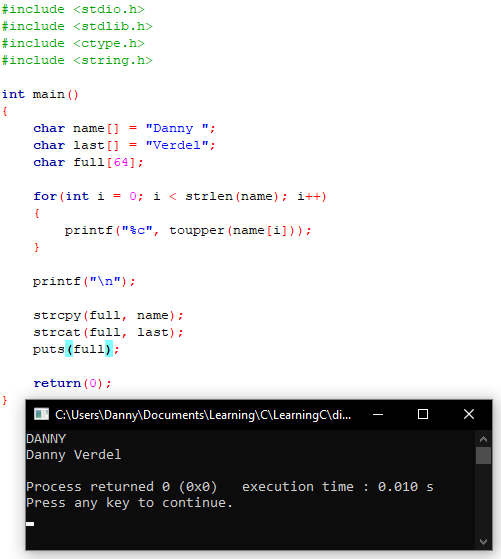
## Returning a value



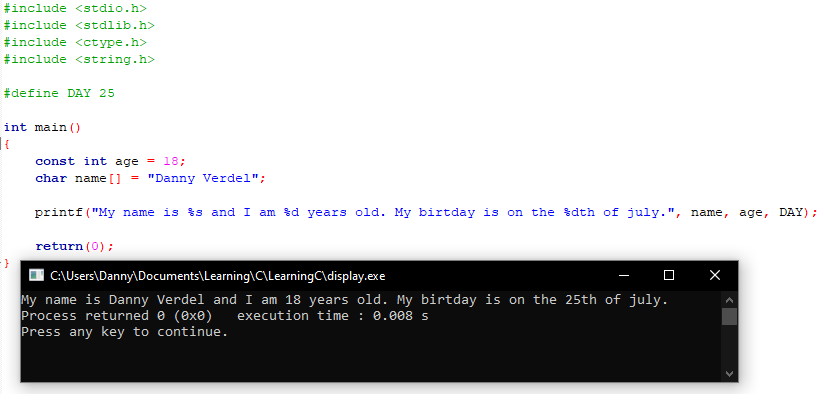
# Manipulating characters



# Manipulating strings

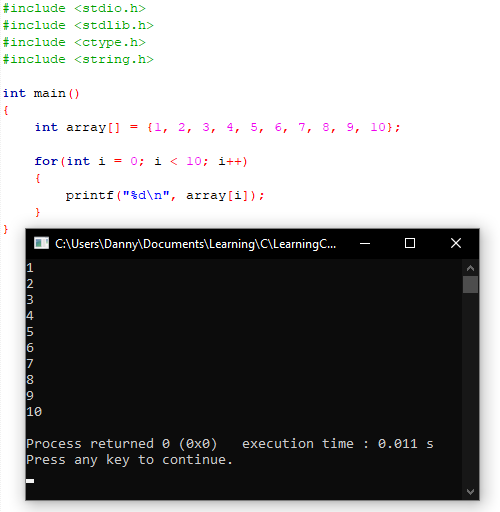


# Constants

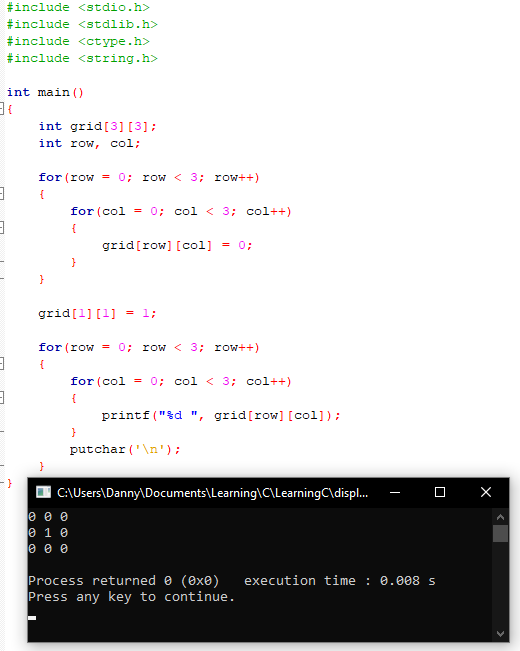


# Arrays

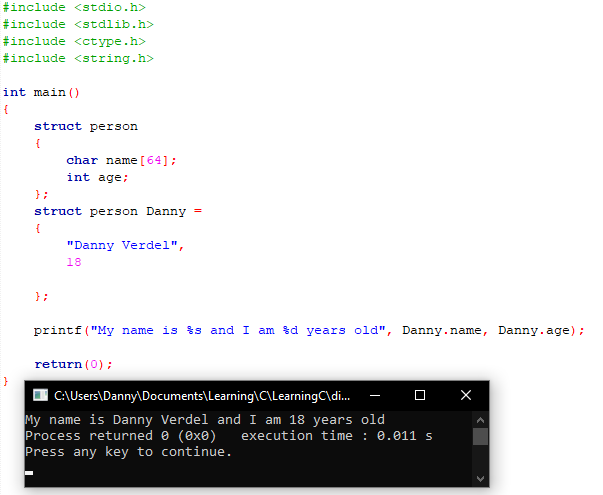
## Normal arrays



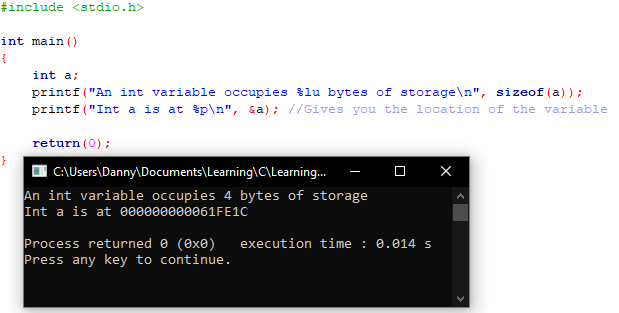
## Multidimensional arrays



# Structures

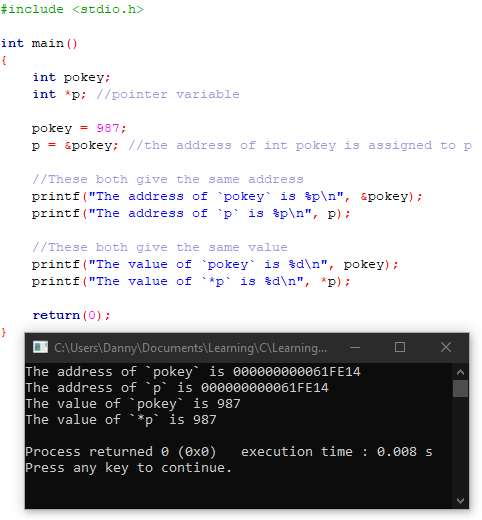


# Exploring variables

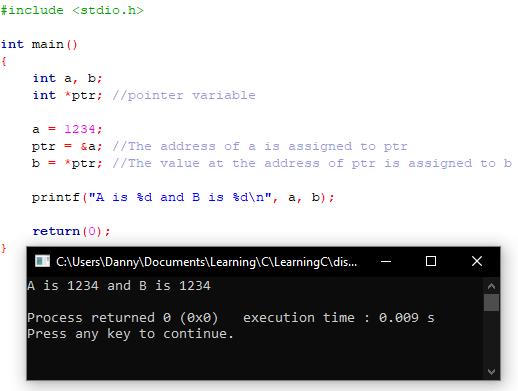


# Pointers

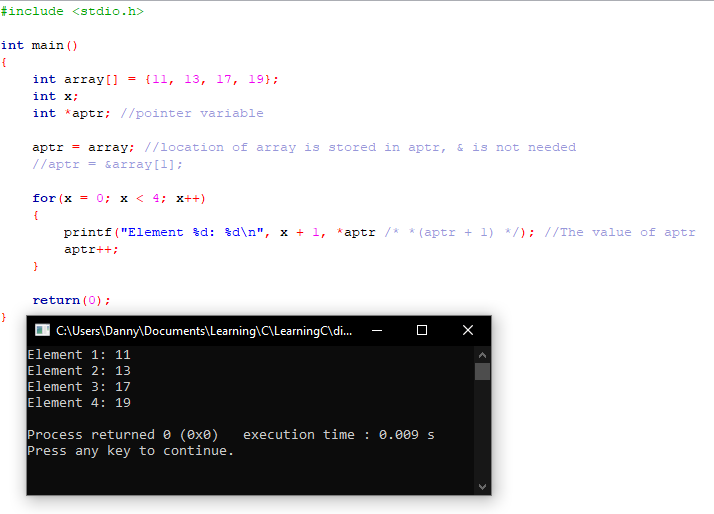
## Pointers



## Using pointers

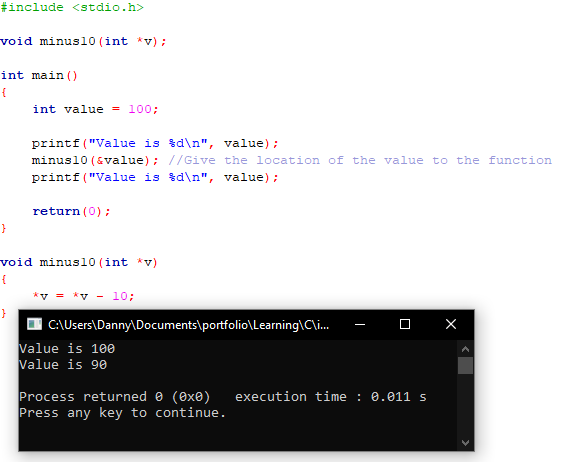


# Accessing pointers with arrays

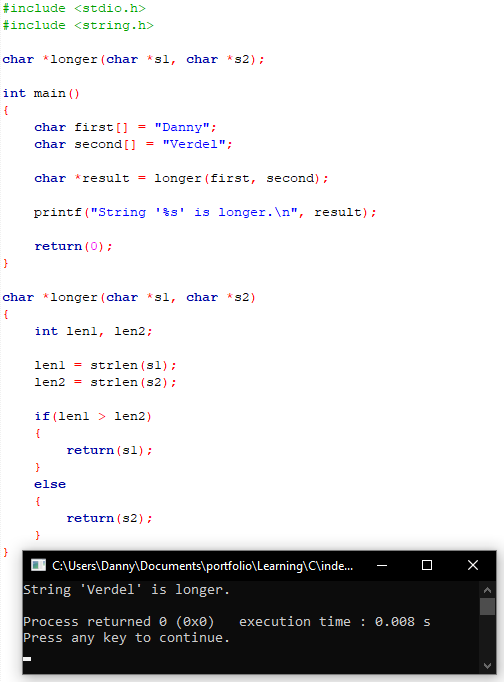


# Pointer functions

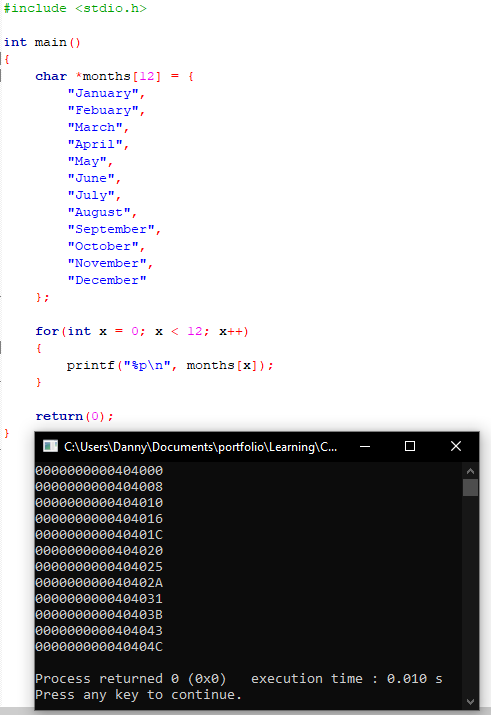
## Normal functions



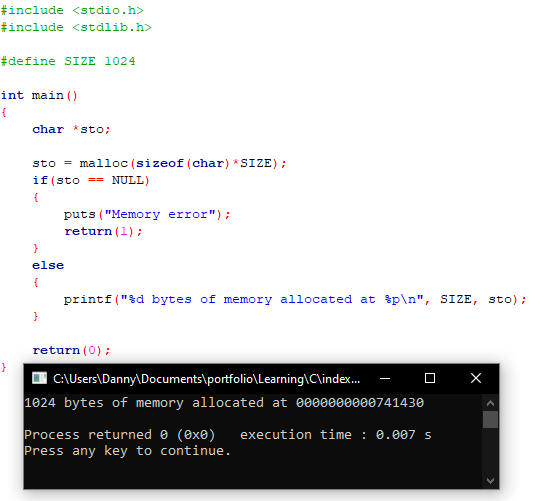
## Pointers in functions



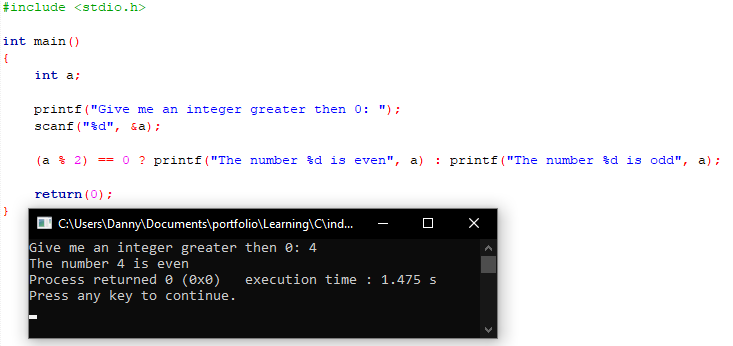
# Working with pointer arrays



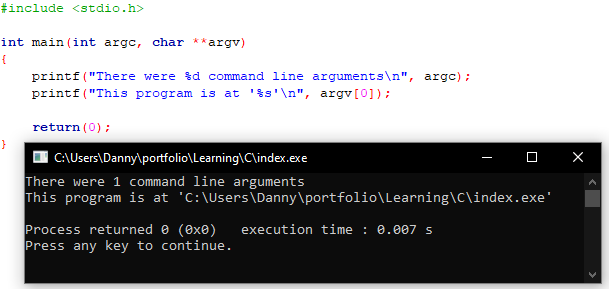
# Allocating memory



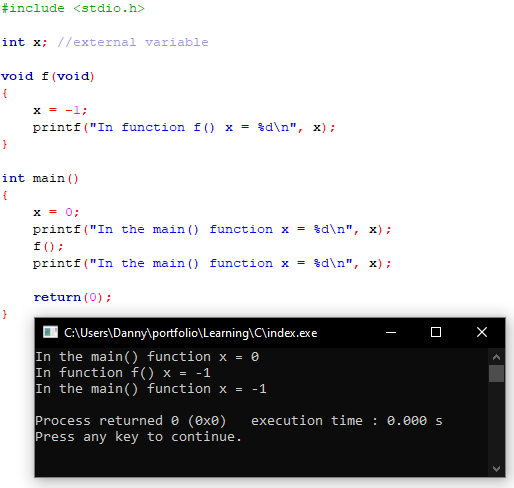
# Ternary operator



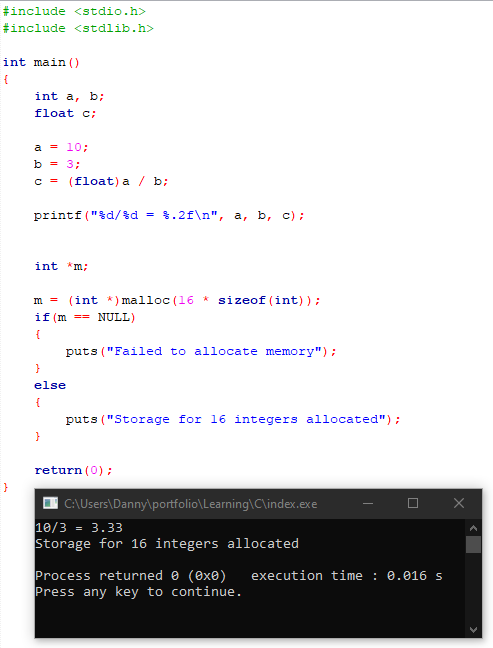
# Arguments in the main function



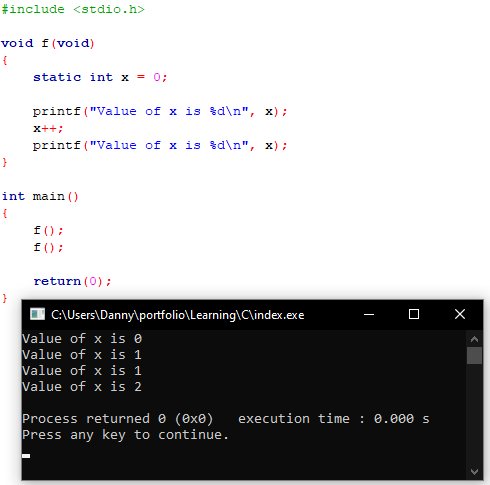
# Setting up an external variable



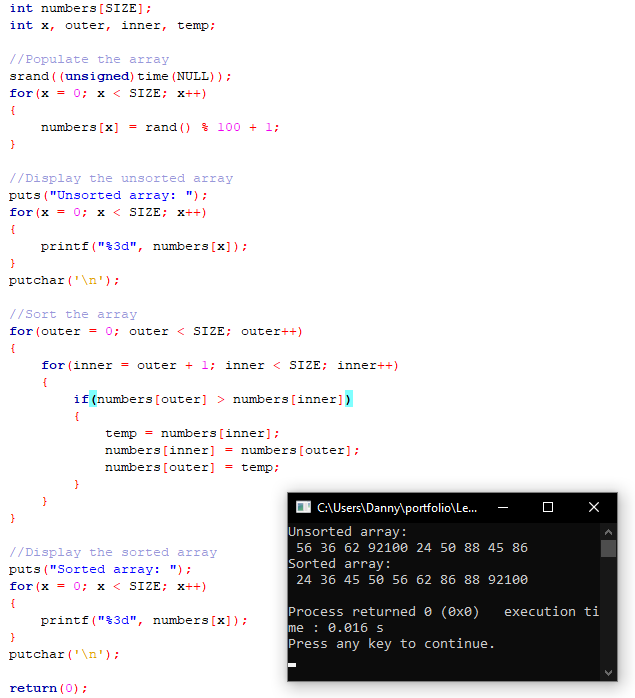
# Typecasting variables



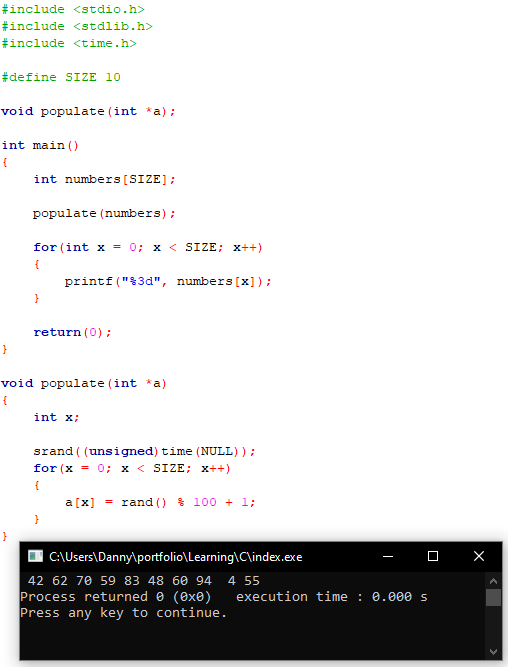
# Static variables



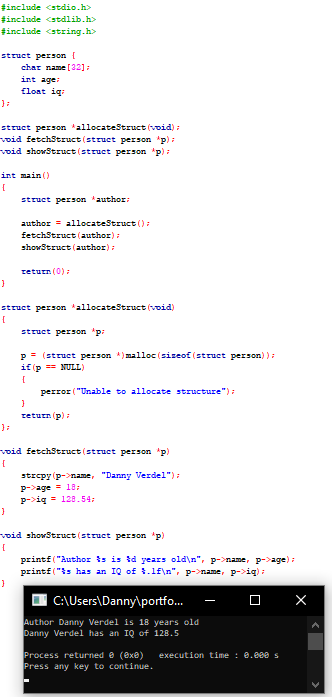
# Sorting an array



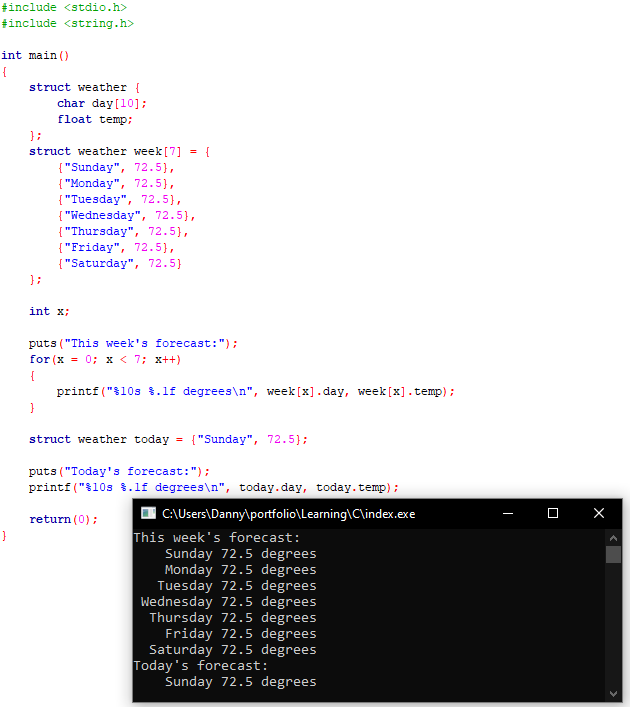
# Working with arrays and functions



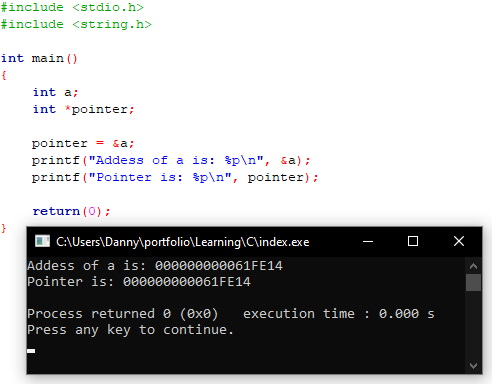
# Sending a structure to a function



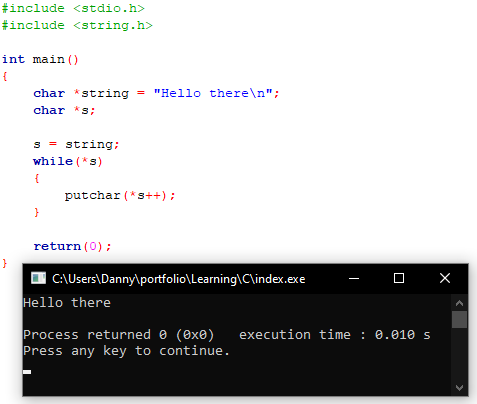
# Building an array of structures



# Pointers



# Asterisk operator



# Pointer array

