

# Including Libraries

Last updated 11/7/22

These slides introduce standard and custom library inclusion

# Including Libraries

- Code libraries provide access to common code
  - Generated by others
  - Generated by you and grouped together for ease of use
- The code can be visible to you or hidden from you (pre-compiled)
- To allow you to understand how to use the code, a series of function prototypes are provided in a header file (xyz.h)
  - Visible to you
- To access the code you must include the header file in your program

# Including Libraries

- To include a code library
  - In the global area of your program (outside main)
  - Before the first use of the library

- `#include` the library xyz.h file

```
#include <stdio.h>
#include "myLib.h"
```

- `<lib.h>` is used for C standard libraries
- `"lib.h"` is used for non C standard libraries