Exceptions Introduction Exercises

Exception Example (unhandled)

- Write a simple program in which there is a run-time error condition, but there is no exception-handling code

- What happens when this program is run? Explain your results

Exception Handling

- What keyword do we use to tell the compiler to generate exception-related code?

- What keyword do we use to inform the compiler that some code is an exception handler?

Catch Block

- How do we specify which type of exception the code should handle?

- We want to write an exception handler that can deal with different sub-types of an exception class. Is there an easy way to do this?

- How can we use dynamic binding in an exception handler?

Exception Example (handled)

- Rewrite your program from the first exercise so that it handles the exception

- Make it print out a message which describes the error condition

Uncaught Exceptions

- What happens if an exception is thrown in a try block and none of the associated catch blocks can handle it?