Exception Mechanism Exercises

Exception throwing

- When an exception is thrown in a try block, describe what happens to:

- The thrown object

- The local variables in the try block

- The program control flow

Stack Unwinding

- Explain what is meant by the term "stack unwinding"

Rethrowing an Exception

- A catch block can throw its exception object again. What is the syntax for doing this?

- How is the rethrown exception handled?

Rethrow Example

- Write a simple program in which an exception is caught and rethrown

Applications of rethrowing

- Give an example where this would be useful