# Try and Catch Blocks Exercises

#### Catch Blocks

- When is it useful to have more than one catch block after a try block?
- If more than one of the catch blocks is able to handle a certain exception, how does the program decide which one to invoke?

## Multiple Catch Statement Example

- Consider the code sample on the following page
- If an exception is thrown, which catch block will handle it?
- Explain your answer

#### Multiple Catch Statement Example

## Writing an exception handler

• When writing an exception handler, how should the exception object be passed to it? Give a reason for your answer

# Writing an exception handler

 What guidelines should we follow when writing an exception handler?

## Nested try/catch blocks

- Write a simple program which has a nested try/catch block
- Throw an exception which can only be handled by an outer catch block

#### Catching exceptions in a different function

- Write a simple program which calls a function
- The function throws an exception inside a try block
- The exception can only be handled by a catch block which is in the function's caller