

More About Exceptions Exercises

- What happens if a destructor throws an exception?
- If you have a destructor that needs some code which might throw an exception, how should you write it?

- What happens if a constructor throws an exception?
- If you have a constructor that needs some code which might throw an exception, how should you write it?

- Imagine we create an instance of a class whose constructor throws an unhandled exception. We create the instance inside a try/catch block which can handle this exception
- What happens if
 - a) The constructor throws an exception
 - b) The constructor does not throw an exception

- Write a simple class whose constructor throws an exception
- Write a program which creates an instance of this class inside a try/catch block which handles this exception
- Run your program. Compare the results when the constructor throws an exception with the results when it does not throw

- What is a catch all handler?
- Give an example of when a catch all handler could be useful
- Write a simple program which shows how a catch all handler can be useful