Other catch Blocks

If your function may throw more than one exception, add cascading catch blocks following the try block, each designed to handle a different type of exception, like this:

The last block, with the ... in the argument list is the **catch all** handler. It catches**any exceptions** thrown in the **try** block, **not previously caught.** The **catch all** hander **only** catches thrown exceptions, not other errors like segmentation faults or **operating system traps or signals** such as those caused by dividing by zero. Code jumps to **only one** of the **catch** blocks shown here. If no exceptions are thrown, then no **catch** blocks are entered.

Finish the Sample

After adding try-catch to main(), print an error message inside the catch block. Use cerr, print the word "Error: " and then call e.what() like this:

```
catch (const invalid_argument& e) {
   cerr << "Error: " << e.what() << endl;
}
cout << "--program done--" << endl;</pre>
```

Now your program should work the same whether compiled with C++17 or C++98 (even if the error messages differ between versions.)

