Error Handling

There is not a computer programmer on the planet who has written their programs completely error free so that they worked perfectly first time. The trick is to be aware of possible errors, to employ tactics to find them and then correct them before the program is published.

# Error Types – Syntax, Logic and Run-time

## Syntax Errors

In your own words, explain syntax errors and say what tools are available to help with their elimination

## Logic Errors

In your own words, explain Logic errors and say what tools are available to help with their elimination. You explanation should refer to specification, testing strategies, unit testing, trace tables, dry running, debugging, breakpoints, stepping through code, watches.

## Run-time Errors

In your own words, explain Run-time errors and say what tools are available to help with their elimination. Exception handling should form part of your explanation.