

Errors Check List

If you are struggling to understand your compile errors I will try to make a list here of the most common ones. This list can be updated as the course runs and we find the most common errors...

- **VIEW** Make sure you can view line number to help track down errors.
- **VIEW** Make sure you can view the error list (has to be turned on in VS).
- **ERROR MESSAGES** Try to interpret error messages from the compiler as best you can.
- **CHECK** Every statement ends with semi-colon ";".
- **CHECK** There is exactly one main function.
- **CHECK** Keywords are written in lower case.
- **CHECK** We have included all the required libraries.

- **CHECK** We have written at the top of the code the statement:

```
using namespace std;
```

or have prefixed all standard library data types and functions with `std::`

- **CHECK** Every open bracket is matched by a close bracket
- **CHECK** Function arguments are written in parentheses ()
- **CHECK** Code blocks are written in braces {}
- **CHECK** Array indices are written in square brackets []
- **CHECK** Every variable has been declared before it is used
- **CHECK** If we write `int/int` remember that it will return an `int!!!`
- **CHECK** Calculations by hand to see if the results are correct.

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