**Ray tracing in a weekend**

\r returns the cursor to the beginning of a line. So you can overwrite a line in console. Useful for progress updates.

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Class members can be initialised in a member initialiser list rather than in the constructor body (more efficient). For example

Class myClass

{

Public:

myClass() : m\_int(1)

{}

Public:

Int m\_int

}

<https://stackoverflow.com/questions/751681/meaning-of-const-last-in-a-function-declaration-of-a-class>

https://stackoverflow.com/questions/455518/how-many-and-which-are-the-uses-of-const-in-c

const in a member declaration means you can implement two similar methods, one which is called when the object is const and one that isn’t.