Errors and Warnings in C++

1. Syntax Errors

🡪 Something wrong with the syntax structure

🡪 Eg. Missing semicolon

1. Semantic Errors

🡪 Something wrong with the meaning means compiler is

🡪 It is syntactically correct but doesn’t make any sense

🡪 Eg. a=10, b=20, c; a + b = c; (here right value of operand is not assigned)

1. Logical Errors

🡪 if syntax and other things are correct but desired output is not obtained

Eg. we put a semicolon after a loop, that is syntactically correct, but will create one blank loop.

1. Runtime Error

🡪 error comes to action when the program is compiled and executed.

Eg. Dividing by 0

1. Linker Error

🡪 These error occurs when after compilation we link the different object files with main’s object

🡪These are errors generated when the executable of the program cannot be generated. This may be due to wrong function prototyping, incorrect header files.

🡪 Eg . Main() instead of main()