1) C++ Stream classes
using www.geeksforgeeeks.org/c-stream-classes-structure/

Topmost class: ios

4 provides input / output functionalities to all

other stream classes

4 base class for istream, ostream, streambuf

istream: Gresponsible for input streams and functions such as get, getline, read, etc...

ostream:
H responsible for output streams and functions such
as write, put, etc...

iostream:

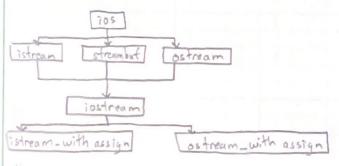
1) handles input & output stream.

1) istream & ostream are inherited into Tostream.

istream_withausign by allows object assignment for istream by gives us "cin"

ostream_with assign
H allows object assignment for ostream
H gives us "cont"

Heirarchy of Inheritance



- int * arr[8] declares an array of 8 pointers
 int (*arr2)[8] declares a pointer that points to an array of 8 ints
 int *(arr3[8]) declares an array of 8 pointers
- 3) This program will output the address of the variable b
- 5) The following program will output 6561

 cach function call contains the same x value because x is passed
 by reference. Therefore we get x·x·x·x·f(x,1) = x·x·x·x·1 = x⁹

 x is incremented 4 times so we get (5+4)⁹ = 9⁹ = 6561