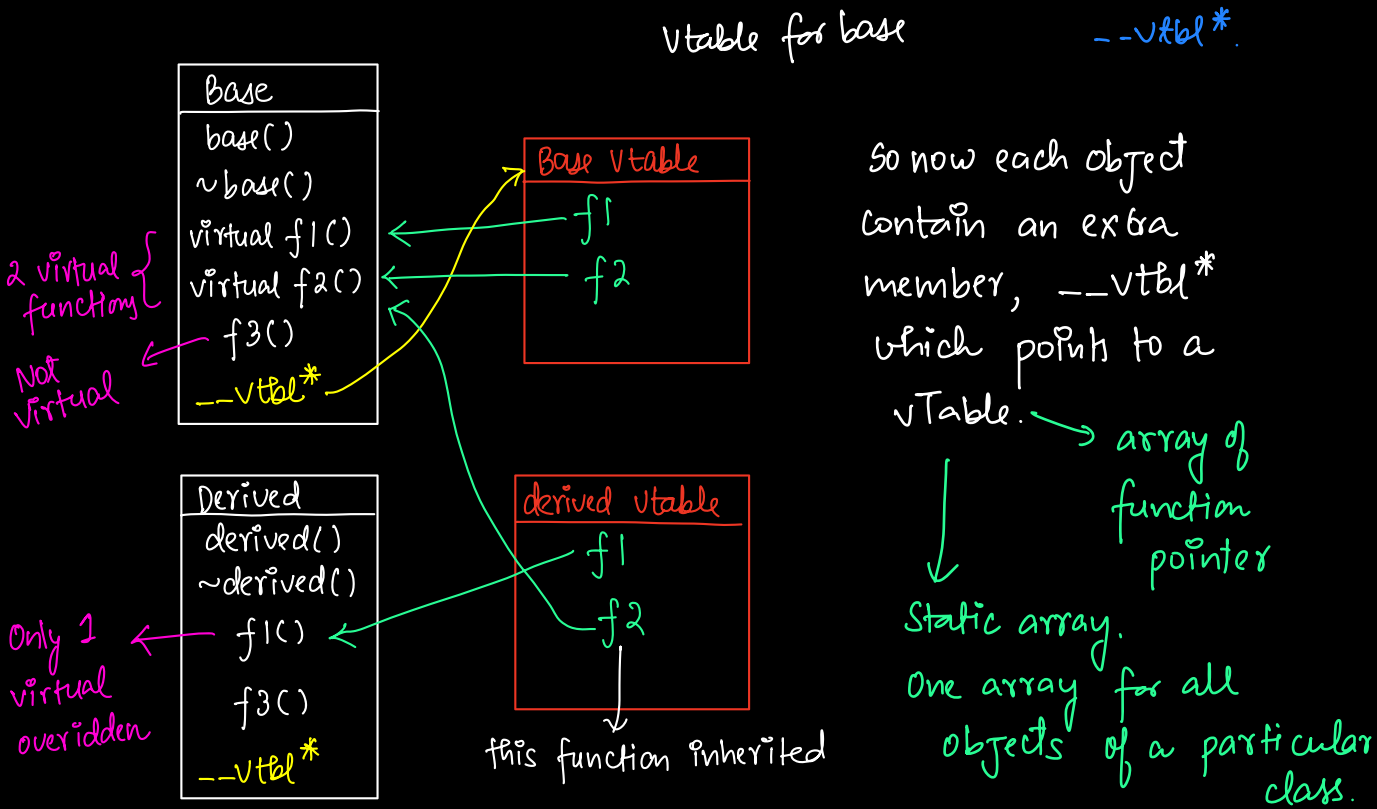


Whenever a function is marked 'Virtual' in a class, the vTable is created. And all object of this class & derived have $--vtbl^*$.



So the $--vtbl^*$ will point to base vtable if the object is of base and will point to derived vtable if the object is of derived class.

→ All the virtual functions have late binding. Compiler can bind a function call to some specific address of instruction

↳ This is done at runtime. The address of function to be executed will be fetched from the $--vtbl^*$ ptr inside this object. The corresponding vTable will tell which function to call.

↳ Concept of late binding