Item 18: - Make interface easy to use correctly should to use incorrectly -> Each interface is a meany by which clients inteledit with your codi Investment & create Inv (); -> Client can perform & types of creors O failure to delete aport @ deletion of same pro more than once Shaled-por Soverment ) create Inv(); -> This forces clients to store the Seturn value in Shared-pr eliminating fossibility of forgetting to delete the Innestment object. We have seen before that shared-ptr allows a resource refease function Called "deleter" canto-per does not have Such capability what if Elients mant to pass that pointer to a function get Ridof Investment! instead of using delete Hew error will occul.

Date:
Shalled-pto constructor takes 2 arguments deleter to be called when solves
Count goes to zero quith getrid of Invas its deleter.
til: Shough pts (Investment)  PInv (Og get Red of Inv);
l'ois not a pointer, gwon't compile.
fol: Should-ptr (Investment) pInv (static-cast  (Investment > 0, get-Rid of Inv);
I Shared-pro uses it per-pointer deleter to awid crosspli problem
This Broblem happens whom an object is created using one dynamically linked library (DLL) but its deleted in different DLL.

Shard-pr awed this, since its default orleter uses deleter from & same PLI where it is created.

Example - il Stock class is defined from Investment ! tolishard-ptr (Investment) create Inv () return tol: shared ptx Investment (new Thus, using Sharred ptr can eliminate many client errors BOOST shared -ptr is fuice the singe of raw pointel guses dynamically and deleter specific data. when unroking its Vdeleter Note > Ways to prevent elses include creating new types , restricting operations on types, constraining object values deliminating Shalld-ptr uses custom deleters prevente cross Dil problem.