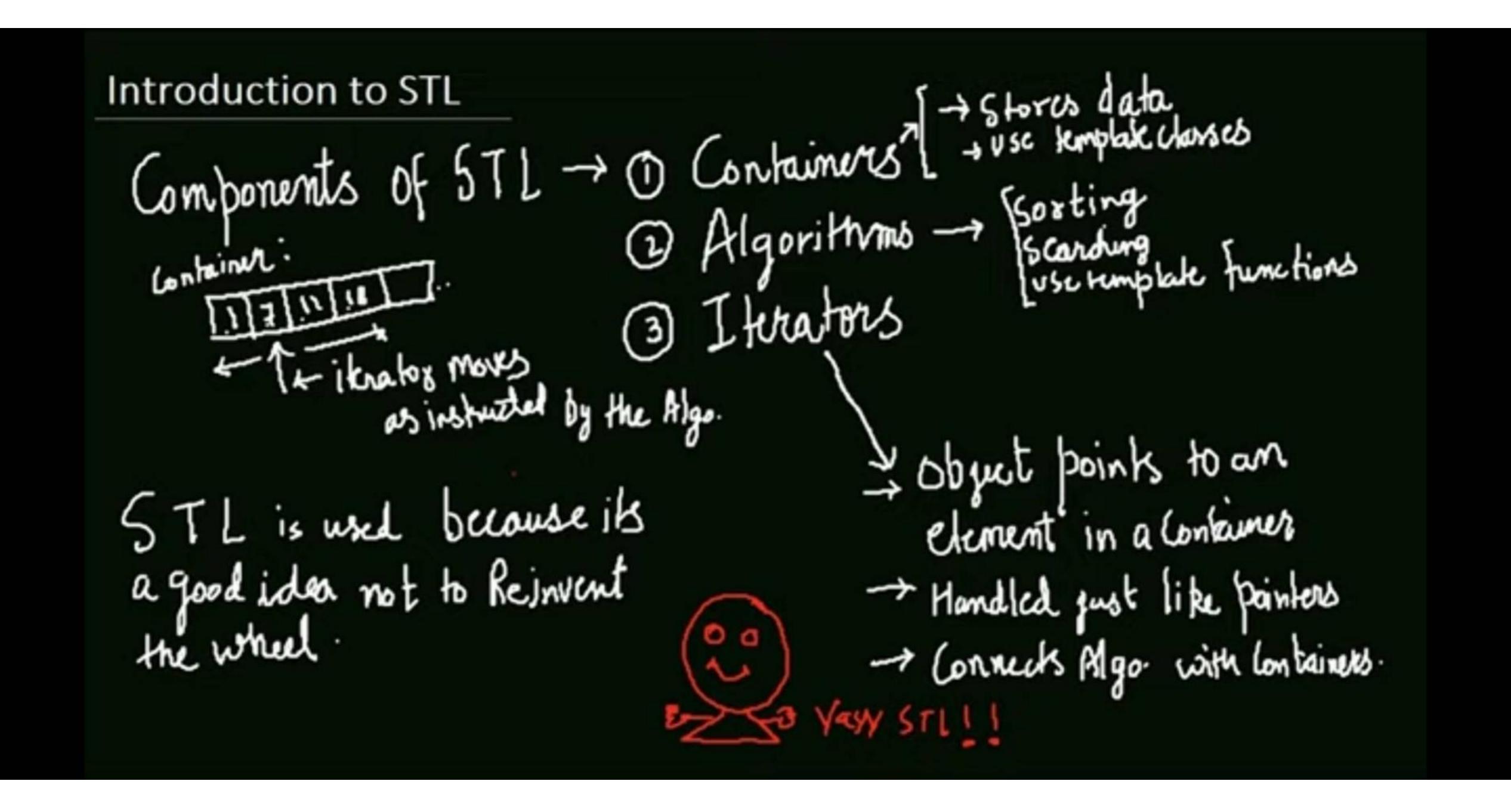
Templates Class Vector 2 Int + ares Template - class int sizes Public: (Parameterny) chanses) Why use templates?

-> Competitive Programming: Introduction to STL Limited time -> Rusizize. STL -> Standard template library → Sort → Search. Library of what? -> Generic Classes and tunctions. Why use STL? > Reuse: Well tested Components -> Time Swings?



Containers in STL Containers. Object which points Procedure to to an element of a (ontainer (onhumers → Sequence Continuers → linear fastion (2) -> Associative Containers -> Direct Access -> Derived Containers -> Real world Modelling

When to use which? Sequence Containers 1. Vector -> RA = Fast M. Inscriben Del > Slow Dal I nsection at the and > fast Data Structure 27 List - RA -> Slow M Insertion - Fost Del) Ins at the end - fast Associative Containers -> All operations feet Robers

Except RA Robers

Perived Containers -> Depends -> Data Structure: