Abstract Duta Types (ADT) Of a collection of day An abstract about type is a model of that specifies - the characteristics of a collection of duta is it ordered? - are element unique? - the operations that can be performed on the collection.	ADT Briggs Sticks From
- does not specify the how Why is this - can have multiple implementations	different from an interfere in Jacq? Language specific (Mundon, psyllon don'the An interface is one may of approxing he) an ADT (UNL Banother)
Bags	
Confirst ADT Collection of data that is unordered, not unique Callous Applications Initially - fixed size	duplianta) conacteristris
Scrabble Bey Spell Chack Drottonary Why not just or array s : (In Egylish) Set Unordered	Umque
What are our operations? This is Int getween Siec() book 13 hapty Do interface book add Do test	a difficult ADT OOD
voil and Bod clear int yet Fraguency () book contains graph () Graph () Graph ()	

Array Bags

add (Strings)

Eylish

1. If three 13 no room, intern Fake
2. If there 13 noom, insert value and index Count
3. Return Forement Court
4. Return False

Visun

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if (count >= content. length)
return False

else

content I count] = item

return tree