_	Mela t I t I I I O Account
	Abstract data types & Arrays
- har	Anto au Maria de Charles
-	ADTs are the way of classifying data Structures by providing a minimal expected interface and Set of methods
-	by providing a minimal expected interface and
\dashv	Set of methodson to nathanian we not
\dashv	ADT Minimal required functionality
\dashv	to the company of the state of
1	operations
\dashv	ARRAYO - A DOTAL WAS WALLE ALL IN WILLIAM ALL IN WI
\neg	An Array ADT holds the Collection of given elements
\neg	An array ADT holds the collection of given elements accessible by an index.
	Misimal Cureling the int
	Minimal functionality - get (i) -> get element i floot, austom
	Set (i. num) -> Get element i to num
	Set (i, num) → Set element i to num. representation
	Operations - Max()
	Min ()
	Search (num)
	Insert (i, num)
	Append (x)
4	
4	Static and Dynamic arrays
4	
+	Static arrays -> Size lannot be changed
+	
+	Dynamic arrays -> Size lan be changed
+	
+	
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REAL STRUCTURES TO STRUCTURE OF THE STRU	the operations mentioned above by creating Array ADT using of Arrays Array of Size t
Elements in an arr base address in	ray are stored in contiguous ay can be accessed using the constant time (on)
Array we use for fast it has slow interstation	ter retrieval and faster updating on and deletion
	Insent (i) num. Append (x)
popular of tome	Static and Ognamic axialy
last be changel	Demonic arrays - Size