1. Vectors -initialize (empty vector < type) name;

nith contents assigned vector < type) name

repeat elements. vector < type) name (repeat times, content)

repeat 0 vector < int) nums (times) - Traverse, for each. for Ctype elem: vector)? - functions (push_back > add behind. { at : Vector at (pos.) = vector [pos] pop-back > delete last 2. Arrays. > in a prescribed memory

- Comparison nith vector & good: more efficient

bad: static

- Initialize. & Assign & to gether Type name [len] = [ming]

separate. Type name [len];

name[0] = [ming] - Change value

3.	2D	Arrays.						
	$-\int_{\mathbf{n}i}$	tialize	& Assign	S sepera	ite T	ype nam	e[row][c	ol)
				Ltogeth	er	·		
				((·		5	{ }	,
	- Trav	verse (-	2 × 100D	for lint row for Lint	=0; row2 ma, t col	x.row; row # 1) {	{ }	
		} _	2 × loop size of l) . L	}	
			<i>7.20</i>) the	rotal am	ount of	J	
4	21)	vector.			1/12/000			
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	+	niticulize Same	function of					
		Jany	[440104]					
5	Stri	a.l.						
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	- N	nuer sland	Syn 1	group of p	S +	ypel var)	7	
	V6	tine	D. A.	2 truct-h	ame L t	ype2 varz		
		ritialize.	ling - a g Struct & Assign function	7 50p	Struct	Struct-	name 1	nam
				Ctog		= {	3 ;	
	~ I	1se It in	Tunction		name	L. dem =	Ĵ	
6.	Uas	7		das	s detault			
	-G	omparison	with St	ruct. SP	rivatl	v.s. Pul	olic> st	ruct
			tunction with St	L	rethod ?	onot co	ommon in	1
						5 IV V	()	

- data member	
~ member function	
-Scope & Public private protects	> default. Ed Suitch: > use keyword Public: before public items Class () }
how	suitch > use keyword
- getter/setter	E public:
- Constructor	before public items
7. Object - Def - Initialia.) Class () {