	Powder Math
	The state of the s
	Int mand
9	1 1 2 3 4 = Indices of the array 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9	The array is of type 'int'
9	The size of an int is 2 bytes
	The value '5' in the array is taking up space at the memory location '100'. It is taking space at '100' and less than '101' (100 & 101), hence why A takes up 2 botes of space.
9 0	*/
•	int * p, * g; Il p and of me two poorders
	P=&A[0]; 0 1 2 3 4 A 5 8 9 6 10 9=&A[3]; 100 100 106 108
9	P 2 106
	As the syntax might suggest, p finds the address of the value stored at point 0 of the array. Also, of finds the address of the value stored at point 3 of the array.
3	*/

The initization of p can also be written as:
P=A; OTZ
p=&A'j
These all have the same meaning.
Pointer Increment:
'pt' tells the program to move on to the next clement stored in the
H will increment by 2 isonce that is how the menory allocations are separated in the given array.
Here non program, we have:
pt; Il maranants by 2 bytes
p+to; Hincrements by 4 bytes (this incrementation varies depending on the data type being used)

6	
6	
0	
0	Ponter Devenuti
•	Tomas Designation.
3	q; (moves back
3	
9	Still murements by 2 bytes, so of will more from memory space [106] to memory
	speul (04)
9	The state of the s
	Constant Addition;
	p=p+2; Il moves 'p' element 2 spaces in the forward hirection of the array
	So, Warman Market Marke
9	If p is currently at 5, (100)
9	p+2 moves it to where 9 is (104)
9	
9	Constant Subtraction!
9	g=q-2; 11 moves 'g' element 2 space in the backward direction
9	g-g-L) Mores of exercent & space in an exercise
9	-
9	So, If g is wrently at 6 (106)
8	get mores A to where 8 currently is (102)
6	get mores to a more a contact of
	Subtraction of 2 pointers?
	Debracion of Epomos
	I = 9-P; I p and q are pointing at different directions
	The state of the s
3	p*
9	q-p=106-100=6
9 0	
3 3	6/2 bytes = [3]
9	**/
5	

AND HOUSE	
	WE CANNOT:
	- add two powhers (p+q) \ none of these have any meaning
	- multiply two pointers (p. g) None of these have
	- muttiply two pointers (2* p)
	Let's observe the following line of cade:
	prof (" o/od", * ++p)
	1x D'++' and the
	The first operation of the given expression is O't+' and the
	second operation is a . It has light a soil
	*/
	So of p starts at value '5' or memory location '100', it will more to
	value '8' or memory location '102'.
	The state of the same of the s
	Let's observe another line of whe:
	proft ("0/0 /", +1 * p)
	1* First operation is 0 *
	Second operation is 2 ++
	*/
	So first we take the data of p, where the value '5' is taken. Then, we use the ++ operation that ultimately turns the given value into '6'
	use the ++ operation that ultimately turns the given value into "6"
	The state of the s

	Control of the Contro
	Let's book at another operation:
	. 15 (1) - 11/1 * /
	prints (" % d", * p++)
	1 2 10 2 11 1 2 1 2 1 1 1 1 1 1 1 1 1 1
	This operation means that we should continue reading from right to left. So the first
	operation we deal with is 'th' on the pointer. However, this expression is a
	post-increment expression, so its will actually not be done right away. It will instead
-	be done after the expression. So the next operation that will be done is "x", which is
	done on 'p' first. This means it will take the value '5', Nov, it will movement.
	It will more 'p' to the next subager. So its will move from value 5, manory location
	201 restand graman, 8 schor of, 601
	++ *p -> take data and increment data / ++ (*p) -> same meaning
	* ++p -> more ponder to next element and real data
	*pt+ -> read data, then more p to next / (*P) +t -> different meaning
	^
	menerals the data
1	
-	