	CS-392 Midterm Review?
	CO Of a Houselft nevices
Tostina Paint #1	C programming basics: * types * arrays + pointers * headers
reshing form # 1	Types: int > % d, char > % c, data Type array Name Larray Size];
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	Continue of the state of the st
	[printf("var: "aln", var) vs. printf("var: "p", 2 var)] Output: var: 5
	Colors 6 7 Var: 2686778
	Pointer, Syntax: int* p or int * p
	store addresses rather than values
	Pointers Examples: int* pc, c; c=22 => & c = address of c, c = value of c
	pc=8c=> pc = address pointerpc, *pc= content of pnt
y	c=11 =7 pc = " " *pc = content (11)
	*ac= 2=) & c = address of c, C= value of c, (2)
	Determine the role of and & through examples
	Arrays + Pointer pt2! & x[i] is equal to x+i, x[i] is equal *(x+1)
	int x[5]= 21,2,3,4,53; int* ptr; ptr= ex[2]
	When we do *ptr => 3 is the returned val
	Header Files: #include thefilename.c
	void function1(char *input, char *out);
	int function 2 (const void *x);
Testing Point #2:	C Programming Strings: * What is a string? * Common APIs of strings
	String Basics: char CEI = "c string"; [C] SI+Ir in 19/10]
	declare → char s[5]; initialize → char c[]= "abcd"
	scanf → read +ill white clength +1? Because we have a 10
	fgets → line of string, will only get 1st word, puts → display
9	Commonly Used Functions: * strlen() -> calc length of str, takes string-longint
,	o strcopy () -> copy to other array, takes char dest, source
•	Theep in mind o strcmp() -> ret 0 if both strave identical, 2 char*
9	all these take \ "streat() -> concats 2 strs, stores joint in 1 = char"
	various param! omemcopy () > (dest, "svc, n) = n characters to
)	mem area src to memory area dest

