

STACK		PROGRAM CODE
char * a		
2000		100 101 102 103
char b[4]		
1900	Evalua given	ate the expressions listed on the answer sheet in the context of C code. Here is what I mean by evaluating an expression:
1800	ir	or integer expressions (i.e., expressions whose types are char, stat, size_t, long, or long longeither signed or unsigned), write uneric value in DECIMAL notation.
Char * P		- We will only accept decimal notation; e.g., if the answer is NONE of the following will be accepted: 0x41, 01000001, 'A', ;
1750		- C has no boolean type. Do NOT write "true" or "false". YOU WILL LOSE POINTS IF YOU DO. Write 1 for true and 0 for for Write "UNPREDICTABLE" for an integer expression whose value or
char **S		or non-integer expressions, write the type name, in the format
	th.	nat you use to declare a variable of that type. Some example ype names include (but not limited to):
1500	- Wx	int * double double ** int (*)(int *, int *) cite "INVALID" if a given expression will result in a compiler ex
	int	t main(int argc, char **argv)
HEAP		assert('0' == 48 && (long) NULL == 0); assert('a' == 97 && 'b' == 98 && 'c' == 99 && 'x' == 120);
1000		char *a = "0xa"; char b[4] = "0xb"; char c = 0xc;
0		<pre>char *p = malloc(sizeof(char *) * 4); char **s = (char **)p;</pre>
1008		s[0] = a++; s[1] = b;
1016 2		s[2] = &c s[3] = p;
IDZY 3		//////////////////////////////////////
		// in the context of main() at this point. // /////////////////////////////////
		free(s);
	}	return 0;
1]		
1.1) *a	 	
1.1) *a 1.2) b + 1		
1.2) b + 1		
(1.2) b + 1 (1.3) c + 2		
11.2) b + 1 11.3) c + 2 11.4) (long) argv[argc] 11.5) sizeof(b)		
11.2) b + 1 11.3) c + 2 11.4) (long) argv[argc] 11.5) sizeof(b) 11.6) strlen(b + 1)		
11.2) b + 1 1.3) c + 2 1.4) (long) argv[argc] 1.5) sizeof(b)		
11.2) b + 1 11.3) c + 2 11.4) (long) argv[argc] 11.5) sizeof(b) 11.6) strlen(b + 1)		
11.2) b + 1 11.3) c + 2 11.4) (long) argv[argc] 11.5) sizeof(b) 11.6) strlen(b + 1)		
11.2) b + 1 11.3) c + 2 11.4) (long) argv[argc] 11.5) sizeof(b) 11.6) strlen(b + 1) 11.7) sizeof(a) == sizeof(b + 2)		
1.2) b + 1 1.3) c + 2 1.4) (long) argv[argc] 1.5) sizeof(b) 1.6) strlen(b + 1) 1.7) sizeof(a) == sizeof(b + 2) 1.9) *"0" <= *("1" + 1)		