STACK	PROGRAM CODE
char * a	
2000	100 101 102 103
char b[4]	133 23 132 23
1900	
charc	Evaluate the expressions listed on the answer sheet in the context of th given C code. Here is what I mean by evaluating an expression:
1800	 For integer expressions (i.e., expressions whose types are char, sho int, sizet, long, or long longeither signed or unsigned), write t numeric value in DECIMAL notation.
Char * P	 We will only accept decimal notation; e.g., if the answer is 65, NONE of the following will be accepted: 0x41, 01000001, 'A', 2^6
	- 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 fals
1750	- Write "UNPREDICTABLE" for an integer expression whose value can change from one run of the program to another.
char **S	- For non-integer expressions, write the type name, in the format that you use to declare a variable of that type. Some example type names include (but not limited to):
1500	int * double double ** int (*)(int *, int *)
	- Write "INVALID" if a given expression will result in a compiler erro int main(int argc, char **argv)
HEAP	assert('0' == 48 && (long) NULL == 0); assert('a' == 97 && 'b' == 98 && 'c' == 99 && 'x' == 120);
	char *a = "0xa"; char b[4] = "0xb";
1000 0	char c = 0xc; char *p = malloc(sizeof(char *) * 4); char **s = (char **)p;
1008 1	s[0] = a++; s[1] = b;
1016 2	s(1) = b; s(2) = &c s(3) = p;
IDZ4 3	//////////////////////////////////////
	// in the context of main() at this point. //
	free(s);
	return 0;
[1]	
(1.1) *a	
(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)	
(1.7) sizeof(a) == sizeof(b + 2) 1.9) *"0" <= *("1" + 1)	
(1.7) sizeof(a) == sizeof(b + 2) (1.9) *"0" <= *("1" + 1)	