









Objects in Memory	
 Example: Variable values, addresses, and sizes 	
<pre>int x = 42; int y = 13; char s[] = "Hello World!";</pre>	
printf("Value of x is %d.\n", x); printf("Address of x is %p.\n", &x); printf("Size of x is %u.\n", sizeof(x)); printf("Value of y is %d.\n", y); printf("Address of y is %b.\n", &y); printf("Address of y is %b.\n", sizeof(x)); printf("Address of y is %b.\n", &y printf("Size of y is %b.\n", sizeof(y)); printf("Value of s is %s.\n", s); printf("Address of s is %b.\n", &sizeof(s)); printf("Size of s is %b.\n", sizeof(s)); printf("Value of s[1] is %c.\n", s[1]); printf("Address of s[1] is %p.\n", &s[1]); printf("Size of s[1] is %p.\n", sizeof(s[1]));	
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