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Course: Cmpt 214   Section 03   Assignment 2
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Question 3   Assignment 2

For 'w', from the code given, it is seen that w is a pointer to the memory address of x on line 12 which takes the value of the memory address of x. By ~~derencene~~ dereferencing, the value pointed at *w changes but not the value of 'w' itself. So *w is changed to refer to the value 8, same as the value of x.

For x, y, and z were initialized as 2 integers on line 2(Line 9), 5(line 10), and 3(line 11) respectively. But for 'z', the value is unchanged because pointer_stuff() did not get the address of z on line 14 in the main() which makes it retains its value as 3. Same goes for variable y which also retains its value as 5 because the address of 'y' is passed as 'b' to pointer_stuff but *b makes it to remain unchanged. &X (Address of x) is passed as parameter in the pointer_stuff()