

1) Write a code segment that adds five random integers between 1 and 100 to the end of a `list` named `numbers` and accurately prints the list in **reverse** order.

2) Write a code segment that appropriately adds 5 random integers between 1 and 100 to a `stack` named `numbers`, deletes the three middle integers and then prints out the remaining elements on the same line separated by a blank space.

3) Write a code segment that fills a `deque` named `numbers` with 5 random integer values between 1 and 100, removes the first two integers **from the front** and then displays the remaining elements on the same line separated by blank spaces.

4) Write a code segment that inserts the values 1,2,3,4, and 5 into a list named `numbers`. Then insert the integer 10 to the front of `numbers`.

5) Write a program that creates a multiset and adds five random integers. Write a statement that prints the number of occurrences of the integer 2.