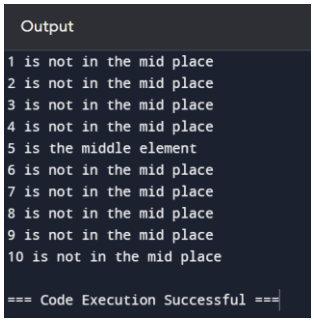
List - Creation, Accessing, Traversing using for () and Slicing - Ad hoc test!(For each question, try saving it as a screenshot in a word and share with me)

1. Create a List named "colors" using list() constructor with 10 colour names as strings.

2. Extract the middle 3 colours at index position 4, 5, 6 using negative slicing and positive slicing. store them in a new list named "nColors" and "pColors". Concat them to form a new list named 'myColors".

3. Traverse the "colors" list and get the element at the mid index (index #:5 if your list has 10 elements) using for() loop only. Print the middle element like shown below. (Hint: Use Range() and Len() built-in functions in for loop to iterate the index numbers/positions)

Expected output:



4. Use .append()/.extend() method to add 2 more colors names to your existing list.

5. Remove the 3rd index position from the list, before that, store that in a separate variable using positive slicing method.

6. Use negative step slicing method to extract color names at even number positions and create a new list of colors named "eColors".

7. Use .insert() method to insert a new color named "cyan" in the 7th position of the list. After this length of the list should retain to 10.

8. Use negative slicing in the left offset with positive number in right offset and print the 5th index position of colors list.

9. Use negative slicing in the right and left offset, print the 6th, 7th and 8th index positions of colors list.

10. Delete the entire "eColors" list using one of the appropriate list methods.