**Rotate an array by k times anonymous function & IIFE**

CODE:

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <title>Document</title>

  </head>

  <body>

    <h1>Rotate an array by k times anonymous function & IIFE</h1>

    <script>

      // Define the array and the number of rotations (k)

      const originalArray = [1, 2, 3, 4, 5];

      const k = 2;

      // IIFE to rotate the array by k times

      const rotatedArray = (function (arr, rotations) {

        // Anonymous function to perform rotations

        const rotateArray = (array, times) => {

          const length = array.length;

          const rotations = times % length;

          const rotatedPart = array.slice(length - rotations, length);

          const restOfArray = array.slice(0, length - rotations);

          return [...rotatedPart, ...restOfArray];

        };

        // Call the anonymous function and return the result

        return rotateArray(arr, rotations);

      })(originalArray, k);

      // Output the result

      console.log(rotatedArray); // Output: [4, 5, 1, 2, 3]

    </script>

  </body>

</html>

