Session4_Arrays_Assignments

1. Given a string print "YES" if it is a palindrome and print "NO" if it is not

   A palindrome is a word that reads the same backward as forward, such as `madam`, `bob`

   Sample Input1: madam

   Sample Output1: YES

   Sample Input2: react

   Sample Output2: NO

2. Given an array of marks, find out the Average

   Sample Input: [95, 86, 66, 94, 58]

   Sample Output: 79.8

   Hint: use arr.length

3. Given an array of strings, remove all the odd-length strings from it

   Sample Input: ['edstem', 'react', 'html', 'foodie', 'coder"]

   Sample Output: ['edstem', 'html', 'foodie']

4. Given an array of numbers, change the multiples of 3 to 'multiple'

   Sample Input: [5, 9, 8, 12, 22, 18]

   Sample Output: [5, 'multiple', 8, 'multiple', 22, 'multiple']

5. Given an empty array fill that array with the first 10 natural numbers

   Sample Input: []

Sample Output: [1,2,3,4,5,6,7,8,9,10]

6. Given a string split it into an array of words

   Sample Input - "I'm learning javascript basics"

   Sample Output - ["I'm", "Learning", "javascript", "basics"]

   Note: Don't use str.split(' ') method

   Hint: you can use for loop and push method

7. Given a string print all the Characters in the odd position (Start counting with 0)

   Sample Input - 'Edstem'

   Sample Output: dtm

8. Given a sentence print the count of words (Separated by a space character)

   Sample Input- "Coding is Easy"

   Sample Output:- 3

9. Given an Array of names find out if edstem is there or not, if the given string is there print true or else print false

   Sample Input: arr = ['react', 'html', 'edstm'],

   str = 'edstem'

   Sample Output: false => edstm spelling mistake :)