

Code Challenge: Predict the Outputs

Challenge 1

var/array index	value	when		prints
i	4	i=4	arr[4]	Going
arr[0]	Up	i=3	arr[3]	To
arr[1]	You	i=2	arr[2]	Give
arr[2]	Give	i=1	arr[1]	You
arr[3]	To	i=0	arr[0]	Up
arr[4]	Going			
arr[5]	Never			
result: Going To Give You Up				

Challenge 2

var/array index	value	when		sum =
arr[0]	1	i=1	arr[1] = 2	2
arr[1]	2	i=3	arr[3] = 4	6
arr[2]	3	i=5	arr[5] = 6	12
arr[3]	4	i=7	arr[7] = 8	20
arr[4]	5	i=9	arr[9] = 10	30
arr[5]	6			
arr[6]	7			
arr[7]	8			
arr[8]	9			
sum	0			
i	1			
result: 2, 2, 4, 6, 6, 12, 8, 20, 10, 30				

Challenge 3

var/array index	value	when		console.log
arr[0]	8	i=0	arr[0] = 8	TRUE
arr[1]	2	i=1	arr[1] = 2	
arr[2]	0	i=2	arr[2] = 0	
arr[3]	6	i=3	arr[3] = 8	TRUE
arr[4]	12	i=4	arr[4] = 10	TRUE
arr[5]	4	i=5	arr[5] = 4	
arr[6]	3	i=6	arr[6] = 3	
i	0			
result: True, True, True				