

1. Write a function that converts an array of strings into an array of numbers. Filter out all non-numeric values.

Input: ["1", "21", undefined, "42", "1e+3", Infinity]  
Output: [1, 21, 42, 1000]

2. Write a program to join all elements of the array into a string skipping elements that are undefined, null, NaN or Infinity.

Input: [NaN, 0, 15, false, -22, '', undefined, 47, null]  
Output: "015false-2247"

3. Write a program to filter out *falsy* values from the array .

Input: [NaN, 0, 15, false, -22, '', undefined, 47, null]  
Output: [15, -22, 47]

4. Write a program that calculates a number of integer values in the array .

Input: [NaN, 23.1, 15, false, -22.5, '', 4, 7, null]  
Output: 3

5. Write a program that calculates a number of float values in the array .

Input: [NaN, 23.1, 15, false, -22.5, '', 4, 7, null]  
Output: 2