IIFE = Immediately Invoked Function Expressions

1. Write IIFE that replaces the first and the last element of the given array and prints out its elements.

Input array: [4, 5, 11, 9]  
 Output array: [ 9, 5, 11, 4]

1. Write IIFE that calculates the surface area of the given rectangle with sides *a* and *b*.   
   Input: 4 5  
   Output: 20
2. Write IIFE that replaces all appearances of the letters *m* or *M* with *\** and returns the number of replacements.

Input: prograMming  
 Output: progra\*\*ing, 2

1. Write a function with parameters name and surname that returns a function that suggests an email in the form [name.surname@gmail.com](mailto:name.surname@gmail.com).

Input: pera peric  
 Output: pera.peric@gmail.com

1. Write a function that returns a function that calculates a decimal value of the given octal number.   
   Input: 034  
   Output: 28
2. Write a function that checks if a given string is valid password. The password is valid if it is at least 6 characters long and contains at least one digit. The function should receive two callbacks named successCallback and errorCallback that should be called in case password is correct or invalid.   
   Input: JSGuru   
   Output: Your password is invalid!

Input: JSGuru123  
 Output: Your password is cool!

1. Write a function that filters elements of the given array so that they satisfy a condition given by the callback function.  
   Input: [2, 8, 11, 4, 9, 3], callback function checks if the number is odd  
   Output: [11, 9, 3]