



Content Snapshot May 17, 2023

Tutor: Alex Gomez

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## Workboard Page 1

```
Ex.1 "III"
I = 1 when (I is followed by another I)

Ex.2 "IV"
I = -1 when I is followed by a V)

if (
  -----

/**
 * @param {string} s
 * @return {number}
 */
var romanToInt = function(s) {
  //we need to identify the need for key value pair
  let mapRomanNumerals = new Map([
    ["I", 1]
    ["V", 5]
    ["X", 10]
    ["L", 50]
    ["C", 100]
    ["D", 500]
    ["M", 1000]
  ]);
  //Entender las reglas de traducción de Roman Num to Dec.
  //edge case
  if (s == "I") { return 1}
  let outputArray = [];
  //iterating through the string (because strings are arrays) to find and map
  Roman values to integers
  for(i=0; i<s.length; i++){
    if(i=="I" && i+1 == "V")
    {
      let i = -1
      outputArray.push(i)
    }
    else
    {
      let i = 1
      outputArray.push(i)
    }
  }
};
```

# Chat Log

Alex 00:40:

```
/**
 * @param {string} s
 * @return {number}
 */
var romanToInt = function(s) {
    //we need to identify the need for key value pair
    let mapRomanNumerals = new Map([
["I", 1]
["V", 5]
["X", 10]
["L", 50]
["C", 100]
["D", 500]
["M", 1000]
]);
    //Entender las reglas de traduccion de Roman Num to Dec.
    //edge case
    if (s === "I") { return 1}
    let outputArray = [];
    //Iterating through the string (because strings are arrays) to find
    and map Roman values to integers
    for(i=0; i<s.length; i++){
        if(i=="I" && i+1 == "V")
        {
            let i = -1
            outputArray.push(i)
        }
        else
        {
            let i = 1
            outputArray.push(i)
        }
    }
};
```

Alex 00:40:

```
for(i=0; i<s.length; i++){  
    if(i=="I" && i+1 == "V")  
    {  
        let i = -1  
        outputArray.push(i)  
    }  
    else  
    {  
        let i = 1  
        outputArray.push(i)  
    }  
}  
  
};
```

Alex 00:41:

```
i<s.length; i++){  
    if(i=="I" && i+1 == "V")  
    {  
        let i = -1  
        outputArray.push(i)  
    }  
    else  
    {  
        let i = 1  
        outputArray.push(i)  
    }  
}  
  
};
```



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# Whiteboard