

## Program -1: [ES6 word count]

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### Ques:

To create a function words and word Frequency using ES6 to find all words and the number of their occurrences in the provided string.

### Algorithm:

1. Start the program.
2. Input a string the text.
3. Remove punctuation marks (comma, full stop like that) from the text.
4. split the text into individual words.
5. store all words in an array.
6. Find the unique words from an
7. For each unique word → count how many times it appears in the original one.
8. store them & count in an object.
9. Display the count.
10. Stop the program.

### Result:

The program runs successfully.

Prog: <!DOCTYPE html>  
<html lang = "en">  
<head>  
<meta charset = "UTF-8"> <title> word Frequency </title>  
</head> <body>

```
return freq; }  
const text = "Hi, I am studying in vscas insular. In school  
of computer studies per. I completed my var at  
CASE";  
Given text  
const allWords = words(text);  
const frequency = wordFrequency(allWords);  
console.log(frequency);  
</script> </body> </html>
```

### output:

```
{Hi = 1, "": 1, I: 2, am: 1, studying: 1, ...} n: 1 Hi: 1 I: 2 KASC: 1 PG: 1 am: 1 ua: 1 at: 1 completed: 1 computer: 1 in: 2 my: 1 of: 1 nscas: 1 school: 1 studied: 1 studying: 1 subverb: 1
```

P-2.    o/p.

## TODO List

Enter item  **ADD**

四一

HELLO

TOP SECRET