

Challenge Changing Casing in Text

toUpperCase();

It changes all of the characters in string to upper case version of it.

toLowerCase();

It changes all of the characters in string to lower case version of it.

```
> var name = 'Muhammad Ahmad';
< undefined

> name.toUpperCase();
< 'MUHAMMAD AHMAD'

> name = name.toUpperCase();
< 'MUHAMMAD AHMAD'

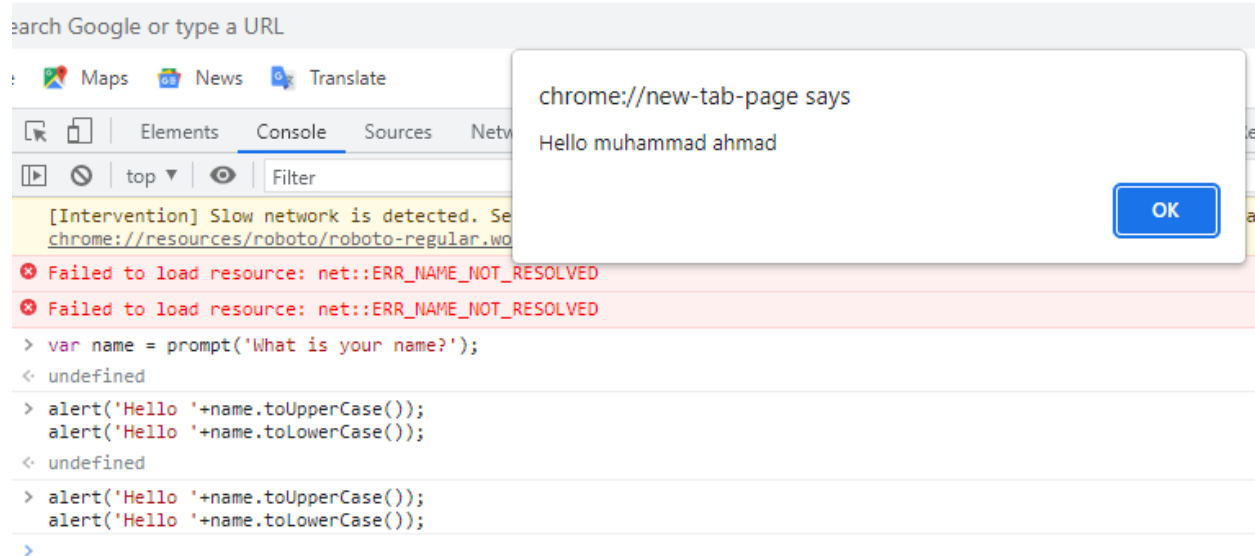
> name = name.toLowerCase();
< 'muhammad ahmad'

> |
```

Note:

When we run two or more alert commands or any other commands then they run respectively one by one.





Some other commands are given below in figure.





The screenshot shows a web browser's developer console with three tabs: Elements, Console, and Sources. The Console tab is active, displaying a network error and a series of JavaScript console logs. The error message is: "Failed to load resource: net::ERR_NAME_". Below the error, there are several console logs showing the execution of JavaScript code. The code starts with a variable declaration: `var name = "angela";`. This is followed by a series of method calls and their corresponding return values: `name.toLocaleLowerCase()` returns `'angela'`, `name.toLocaleUpperCase()` returns `'ANGELA'`, `name.toLowerCase()` returns `'angela'`, `name.toString()` returns `'angela'`, `name.toUpperCase()` returns `'ANGELA'`, `name.toLocaleString()` returns `'angela'`, `name.constructor()` returns `''`, and `name.isPrototypeOf()` returns `false`. The console ends with a prompt character `>` and a vertical bar `|`.

```
[Intervention] Slow network is detected:
chrome://resources/roboto/roboto-regul
❌ Failed to load resource: net::ERR_NAME_
> var name = "angela";
< undefined
> name.toLocaleLowerCase();
< 'angela'
> name.toLocaleUpperCase();
< 'ANGELA'
> name.toLowerCase();
< 'angela'
> name.toString();
< 'angela'
> name.toUpperCase();
< 'ANGELA'
> name.toLocaleString();
< 'angela'
> name.constructor();
< ''
> name.isPrototypeOf();
< false
> |
```

How to capitalize first character and other characters to be in lower case like “**Muhammad Ahmad**”

Steps:

1. Create a var that stores a name that user enters via prompt.
2. Capitalize the first letter of their name.
 - a. isolate the first char
 - b. turn the first char to upper case
 - c. isolate the rest of the name
 - d. change the rest of name to lower case (because name may be as anGELA or angEIA etc.)
 - e. concatenate the first char with the rest of char
3. We use the capitalize version of their name to greet them using an alert.

Example:

Create a var that stores a name that user enters via prompt.

```
var name = prompt("What is your Name?");
```

```
//name is angela
```

```
//Capitalize the first letter of their name.
```

```
//isolate the first char
```

```
var firstChar = name.slice(0,1);
```

```
firstChar
```

```
//turn the first char to upper case
```

```
var upperCaseFirstChar = firstChar.toUpperCase();
```

```
//isolate the rest of the name
```

```
var restOfName = name.slice(1,name.length);
```

```
restOfName
```

```
//concatenate the first char with the rest of char
```

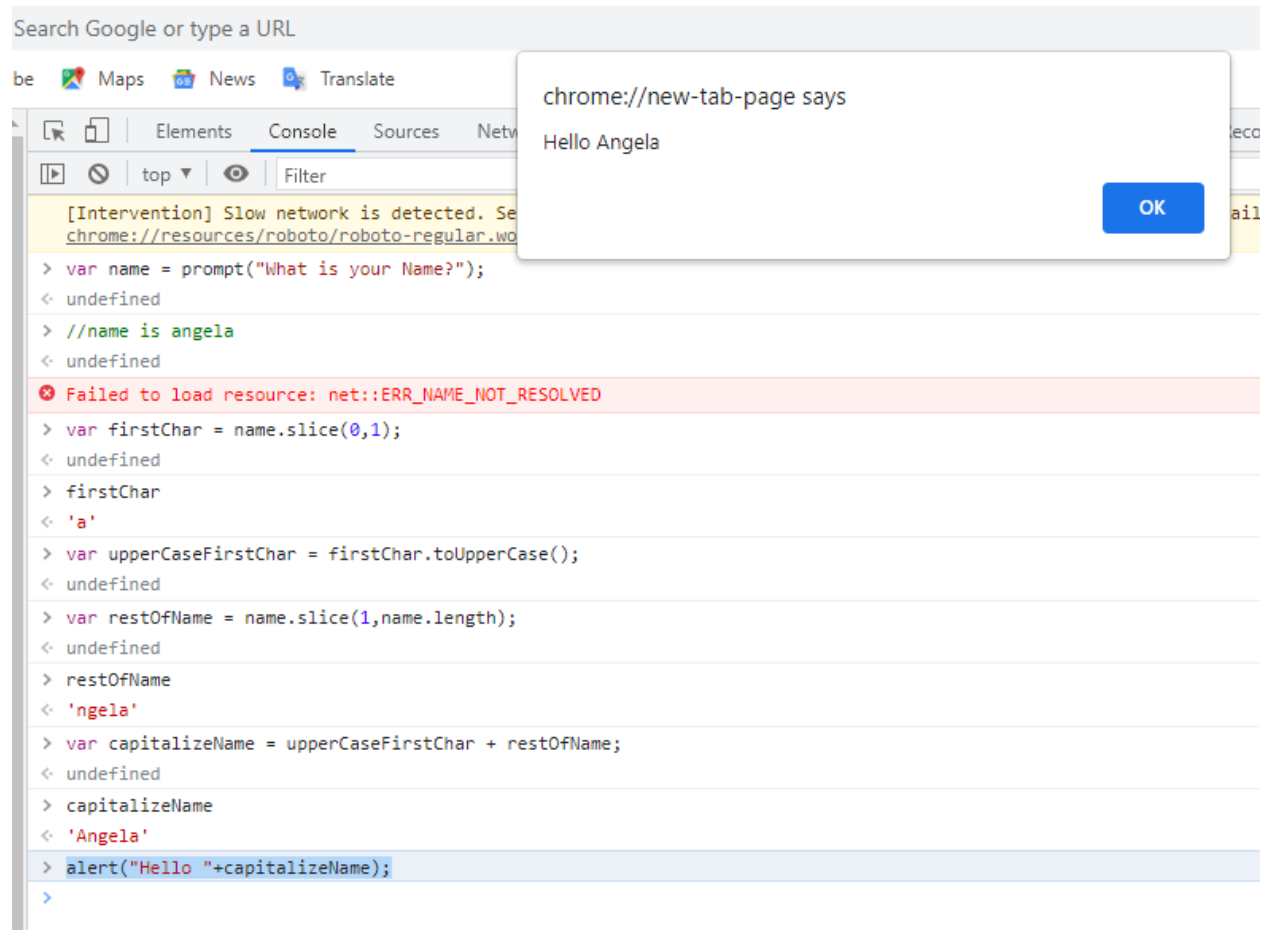
```
var capitalizeName = upperCaseFirstChar + restOfName;
```

```
//We use the capitalize version of their name to greet them using an alert.
```

```
alert("Hello "+capitalizeName);
```

```
capitalizeName
```

```
'Angela'
```



```
var name = prompt('What is your name?');
```

```
name
```

```
'muhammad ahmad'
```

```
var firstChar = name.slice(0,1);
```

```
firstChar
```

```
'm'
```

```
var secondChar = name.slice(12,13);
```

```
secondChar
```

```
'a'
```

```
var firstCharUpperCase = firstChar.toUpperCase();
```

```
firstCharUpperCase
```

```
'M'
```

```
var secondCharUpperCase = secondChar.toUpperCase();
```

```
secondCharUpperCase
```

```
'A'
```

```
var restOfFirstName = name.slice(1,8);
```

```
restOfFirstName
```

```
'uhammad'
```

```
var restOfSecondName = name.slice(10,15);
```

```
restOfSecondName
```

```
'hmad'
```

```
var capitalizeName = firstCharUpperCase+ restOfFirstName+' '+ secondCharUpperCase+restOfSecondName;
```

```
capitalizeName
```

```
'Muhammad Ahmad'
```

Elements

Console

Sources

Network

Performance

Memory

top

Filter

[Intervention] Slow network is detected. See <https://www.chromestatus.com/feature/5704652972543001600> loading: <chrome://resources/roboto/roboto-regular.woff2>

> var name = prompt('What is your name?');

< undefined

> name

< 'muhammad ahmad'

> var firstChar = name.slice(0,1);

< undefined

> firstChar

< 'm'

> var secondChar = name.slice(12,13);

< undefined

> secondChar

< 'a'

> var firstCharUpperCase = firstChar.toUpperCase();

< undefined

> firstCharUpperCase

< 'M'

> var secondCharUpperCase = secondChar.toUpperCase();

< undefined

> secondCharUpperCase

< 'A'

> restOfFirstName

✖ ▶ Uncaught ReferenceError: restOfFirstName is not defined
at <anonymous>:1:1

> var restOfFirstName = name.slice(1,8);

< undefined

> restOfFirstName

< 'uhammad'

```
> var restOfSecondName = name.slice(10,15);  
< undefined  
  
> restOfSecondName  
< 'hmad'  
  
> var capitalizeName = firstCharUpperCase+ restOfFirstName+' ' + secondCharUpperCase+restOfSecondName;  
< undefined  
  
> capitalizeName  
< 'Muhammad Ahmad'
```

Method 2:

Second method is take name from user as first name and last name then convert them into first char upper case and other in lower case then combine first name and last name using string concatenation.