

Assignment

13

String

```
let x = "Ibrahim  
Mohamed front-end  
developer"
```

- `console.log(x.indexOf('i'));`
 - Output => 5
- `console.log(x.charAt(1));`
 - Output => b
- `console.log(x.Length);`
 - Output => 38
- `console.log(x.trim());`
 - Output => “Ibrahim Mohamed frontend developer”
 - This function can be trimStart and trimEnd.
- `console.log(x.toUpperCase());`
 - Output => “ IBRAHIM MOHAMED FRONTEND DEVELOPER “
- `console.log(x.toLowerCase());`
 - Output => “ ibrahim mohamed frontend developer “
- `console.log(x.slice(0,9));`
 - Output => “ Ibrahim”
 - Can take negative value this value start from end of string.
- `console.log(x.repeat(2));`

- Output => “ Ibrahim Mohamed
frontend developer Ibrahim
Mohamed frontend developer ”
- `console.log(x.split(" ",4));`
 - output => ['', ' ', 'Ibrahim', 'Mohamed']
- `console.log(x.substring(1,9));`
 - Output => “ Ibrahim”
 - Any negative value = 0
- `console.log(x.includes('Ibrahim'));`
 - Output => true.
- `console.log(x.startsWith('Ibrahim'));`
 - Output => false.
- `console.log(x.startsWith('Ibrahim',2));`
 - Output => true.
- `console.log(x.endsWith('r'));`
 - Output => false.
- `console.log(x.endsWith('r',x.Length-2));`
 - Output => true.
- `console.log(x.padStart(40,'*'));`
 - Output => ** Ibrahim Mohamed
frontend developer
- `console.log(x.padEnd(40,'*'));`

- Output => Ibrahim Mohamed frontend developer **
- console.log(x.replace(' ', '*'));
 - Output => * Ibrahim Mohamed frontend developer
- console.log(x.replaceAll(' ', '*'));
 - Output =>

**Ibrahim*Mohamed*frontend*developer

**
- console.log(x.match('i'));
 - Output => Array(1)
 - 0: "i"
 - groups: undefined
 - index: 7
 - input: "Ibrahim Mohamed frontend developer"
 - length: 1
- console.log(Array.from(x.matchAll('m')));
 - Output => (2) [Array(1), Array(1)]
 - 0: "m", index: 8, input: "Ibrahim Mohamed frontend developer", groups: undefined
 - 1: "m", index: 14, input: "Ibrahim Mohamed frontend developer", groups: undefined
 - length: 2
 - Return array about string 'm' but must be return in array.