

LESSON HELLO REGEX

Characters > **JS** HelloRegex.js

REGULAR EXPRESSION

/

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TEST STRING

"I scream, you scream, we all scream for ice cream"

● ● ● SOURCE CODE

```
const sentence = "I Scream, You Scream, We All Scream for Ice  
Cream"  
const regexInstance = new RegExp("Scream")
```

● ● ● SOURCE CODE

```
RegExp.prototype.exec(string)
```

● ● ● SOURCE CODE

```
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"  
const regexpInstance = new RegExp("Scream")  
console.log(regexpInstance.exec(sentence))  
const result= regexpInstance.exec(sentence)
```

● ● ● OUTPUT

SOURCE CODE

```
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
const regexpInstance = new RegExp("Scream")
console.log(regexpInstance.exec(sentence))
const result= regexpInstance.exec(sentence)
```

OUTPUT

```
[
  'Scream',
  index: 2,
  input: 'I Scream, You Scream, We All Scream for Ice Cream',
  groups: undefined
]
```

● ● ● SOURCE CODE

```
const sentence = "I Scream, You Scream, We All Scream for Ice  
Cream"  
const regexpInstance = new RegExp("You")  
console.log(regexpInstance.exec(sentence))  
const result= regexpInstance.exec(sentence)
```

● ● ● OUTPUT

● ● ● SOURCE CODE

```
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
const regexpInstance = new RegExp("You")
console.log(regexpInstance.exec(sentence))
const result= regexpInstance.exec(sentence)
```

● ● ● OUTPUT

```
[
  'You',
  index: 10,
  input: 'I Scream, You Scream, We All Scream for Ice Cream',
  groups: undefined
]
```


● ● ● SOURCE CODE

```
const sentence = "I Scream, You Scream, We All Scream for Ice Cream"
const regexpInstance = new RegExp("I")
console.log(regexpInstance.exec(sentence))
const result= regexpInstance.exec(sentence)
```

● ● ● OUTPUT

```
[
  'I',
  index: 0,
  input: 'I Scream, You Scream, We All Scream for Ice Cream',
  groups: undefined
]
```

● ● ● SOURCE CODE

```
const regexLiteral = /You/
```

SOURCE CODE

```
const regexLiteral = /I/  
const regexpInstance = new RegExp(/I/) // Same Output  
console.log(regexpInstance.exec(sentence))  
console.log(regexLiteral.exec(sentence))
```

OUTPUT

```
[  
  'I',  
  index: 0,  
  input: 'I Scream, You Scream, We All Scream for Ice Cream',  
  groups: undefined  
]
```

   SOURCE CODE

```
String.prototype.match(RegExp)
```

SOURCE CODE

```
const regexLiteral = /I/  
const regexpInstance = new RegExp(/I/)  
// Same Output  
console.log(sentence.match(regexLiteral))  
console.log(sentence.match(regexpInstance))
```

OUTPUT

```
[  
  'I',  
  index: 0,  
  input: 'I Scream, You Scream, We All Scream for Ice Cream',  
  groups: undefined  
]
```

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TEST STRING

"I scream, you scream, we all scream for ice cream"