



## Day 7: Regular Expressions II ★

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Problem

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### Task

Complete the function in the editor below by returning a RegExp object, **re**, that matches any string **s** satisfying both of the following conditions:

- String **s** starts with the prefix Mr., Mrs., Ms., Dr., or Er.
- The remainder of string **s** (i.e., the rest of the string after the prefix) consists of one or more upper and/or lowercase English alphabetic letters (i.e., [a-z] and [A-Z]).

### Constraints

- The length of string **s** is  $\geq 3$ .

### Output Format

The function must return a RegExp object that matches any string **s** satisfying both of the given conditions.

### Sample Input 0

```
Mr.X
```

### Sample Output 0

```
true
```

### Explanation 0

This string starts with Mr., followed by an English alphabetic letter (X).

### Sample Input 1

```
Mrs.Y
```

### Sample Output 1

```
true
```

### Explanation 1

This string starts with Mrs., followed by an English alphabetic letter (Y).

### Sample Input 2

```
Dr#Joseph
```

### Sample Output 2

```
false
```

### Explanation 2

This string starts with Dr# instead of Dr., so it's invalid.

### Sample Input 3



```
Er .Abc
```

**Sample Output 3**

```
false
```

**Explanation 3**

This string starts with Er but there is a space before the period (.), making the string invalid.

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Language: JavaScript (Node.js)



```
1  'use strict';...
24
25  function regexVar() {
26      /*
27       * Declare a RegExp object variable named 're'
28       * It must match a string that starts with 'Mr.', 'Mrs.', 'Ms.', 'Dr.', or 'Er.',
29       * followed by one or more letters.
30       */
31
32      var re = new RegExp('^(Mr|Mrs|Ms|Dr|Er)\\.[a-zA-Z]+$')
33      /*
34       * Do not remove the return statement
35       */
36      return re;
37  }
38
39
40  function main() {
41      const re = regexVar();
42      const s = readLine();
43
44      console.log(!s.match(re));
45  }
```

Line: 32 Col: 57

☒ Upload Code as File ☐ Test against custom input**Run Code****Submit Code**

## Running Testcases

**Test case 0** **Test case 4** **Test case 1** **Test case 5** **Test case 2** **Test case 6** **Test case 3** 

