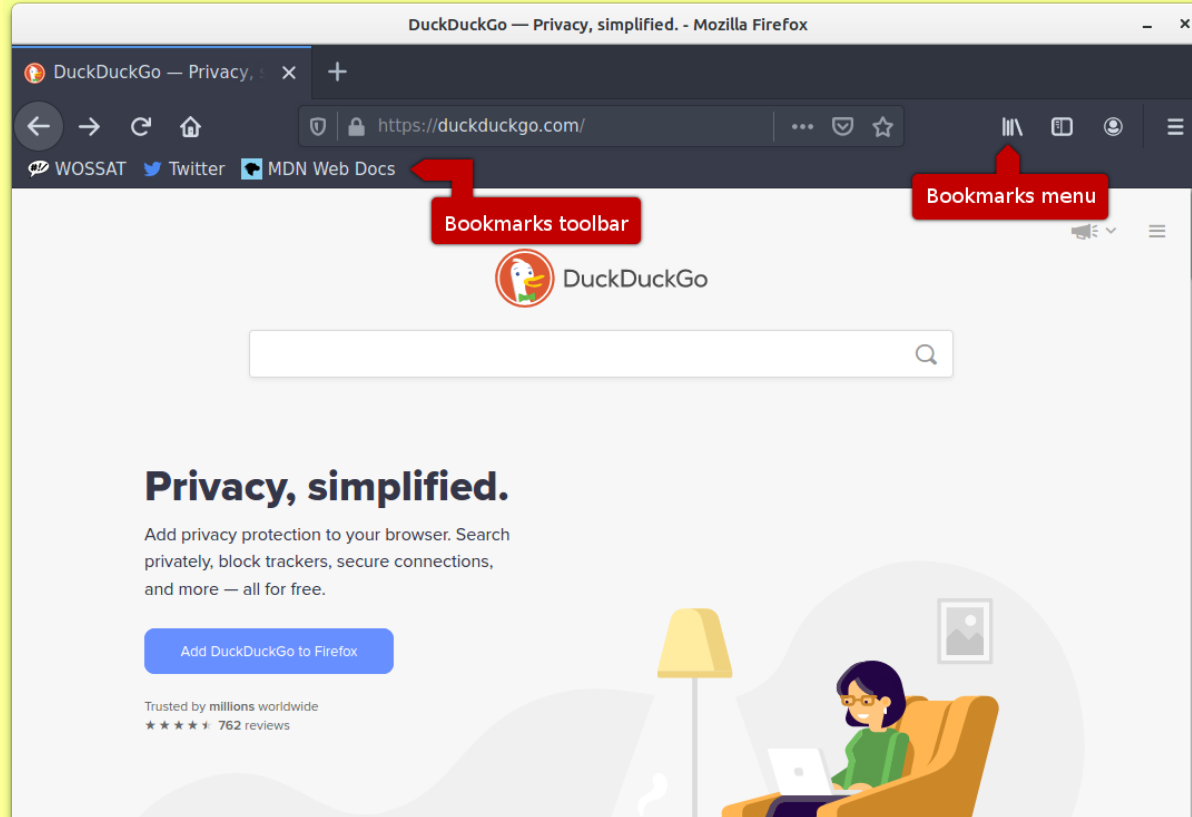


# The Lost Art of Bookmarklets

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# Bookmarks



# Bookmarklets

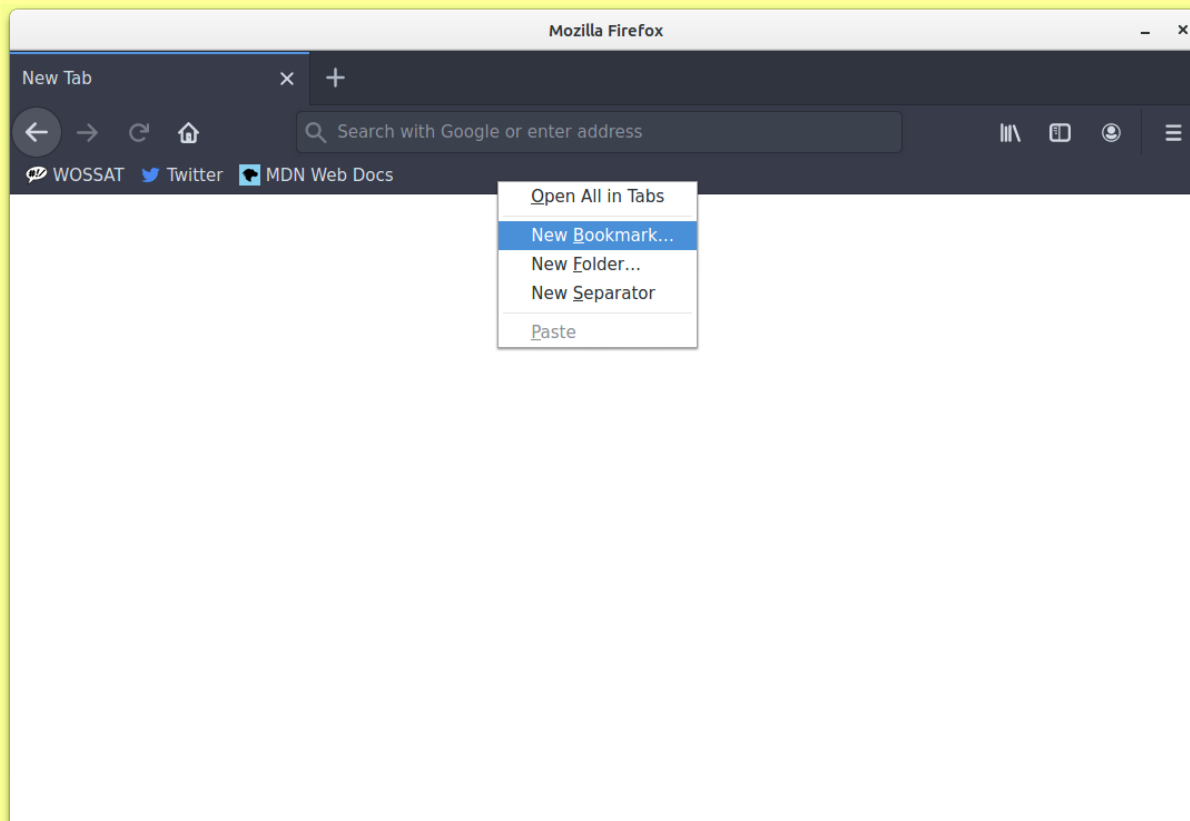
Bookmark:

```
https://duckduckgo.com/
```

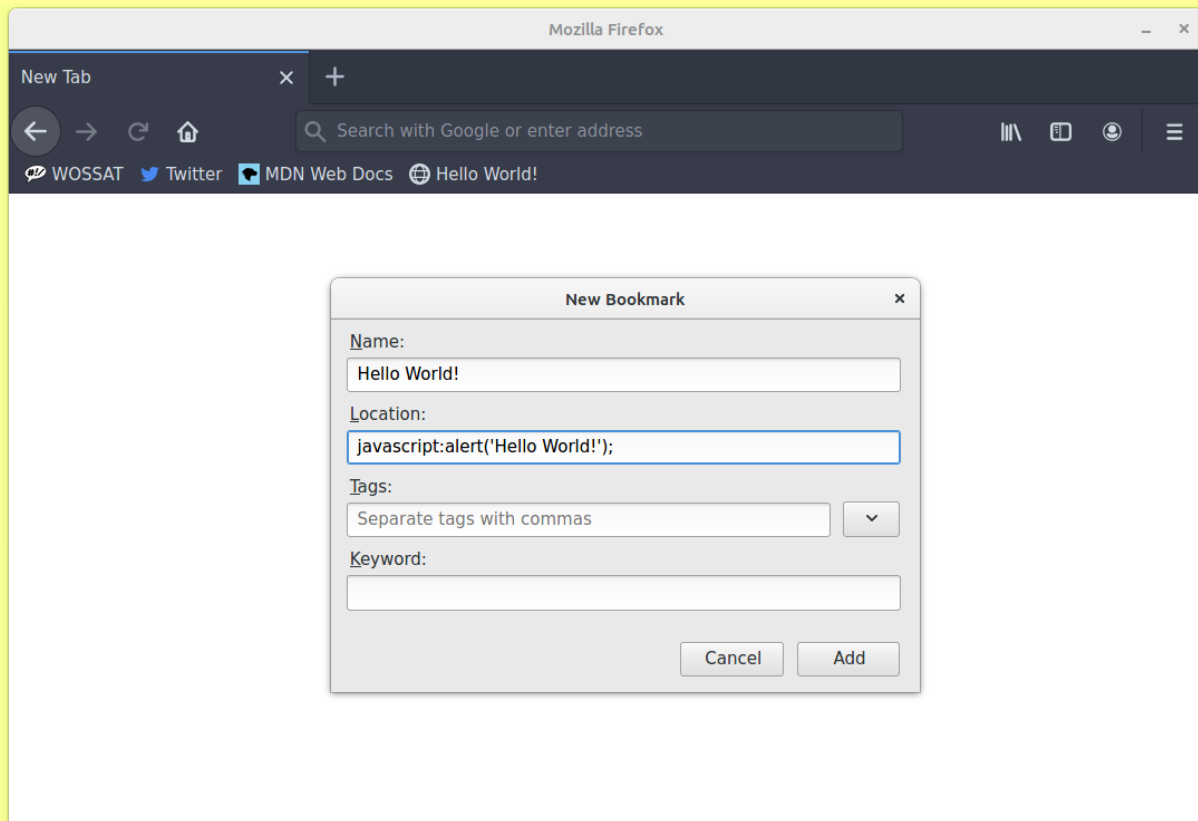
Bookmarklet:

```
javascript:alert('Hello World!');
```

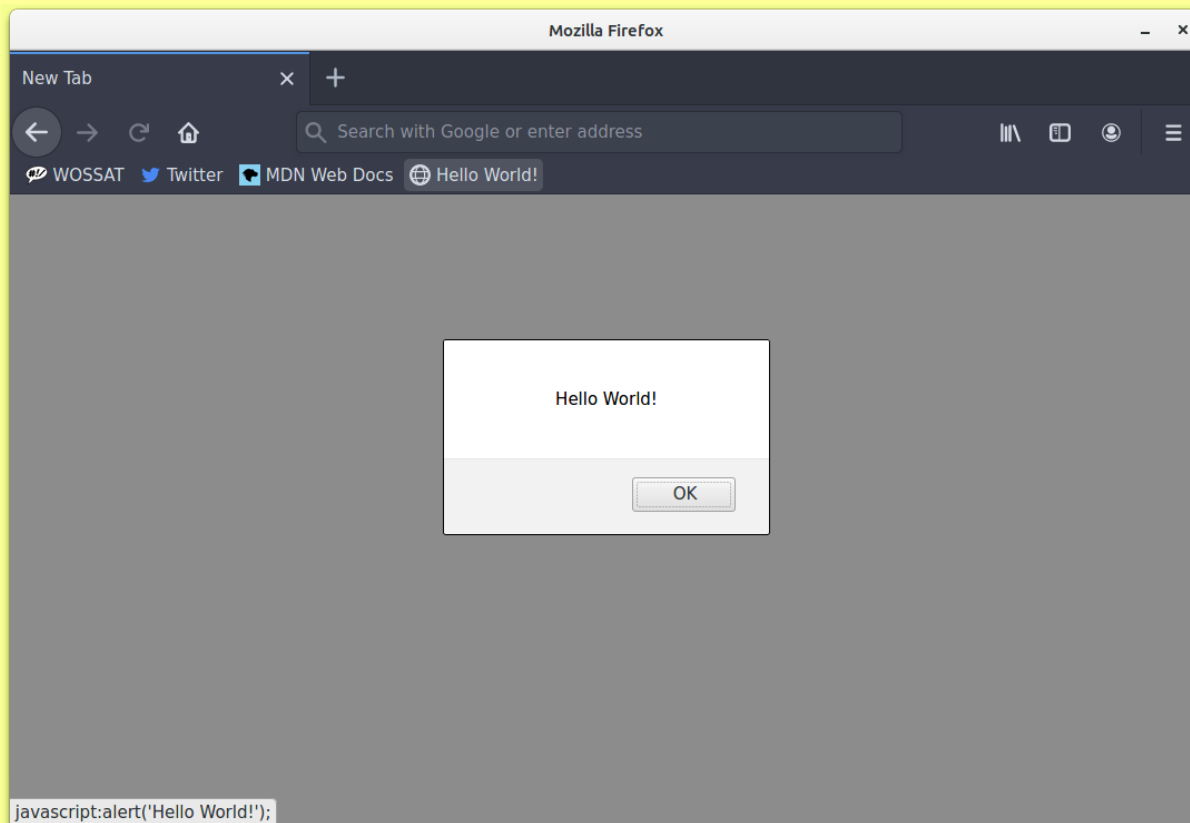
# Add a bookmarklet



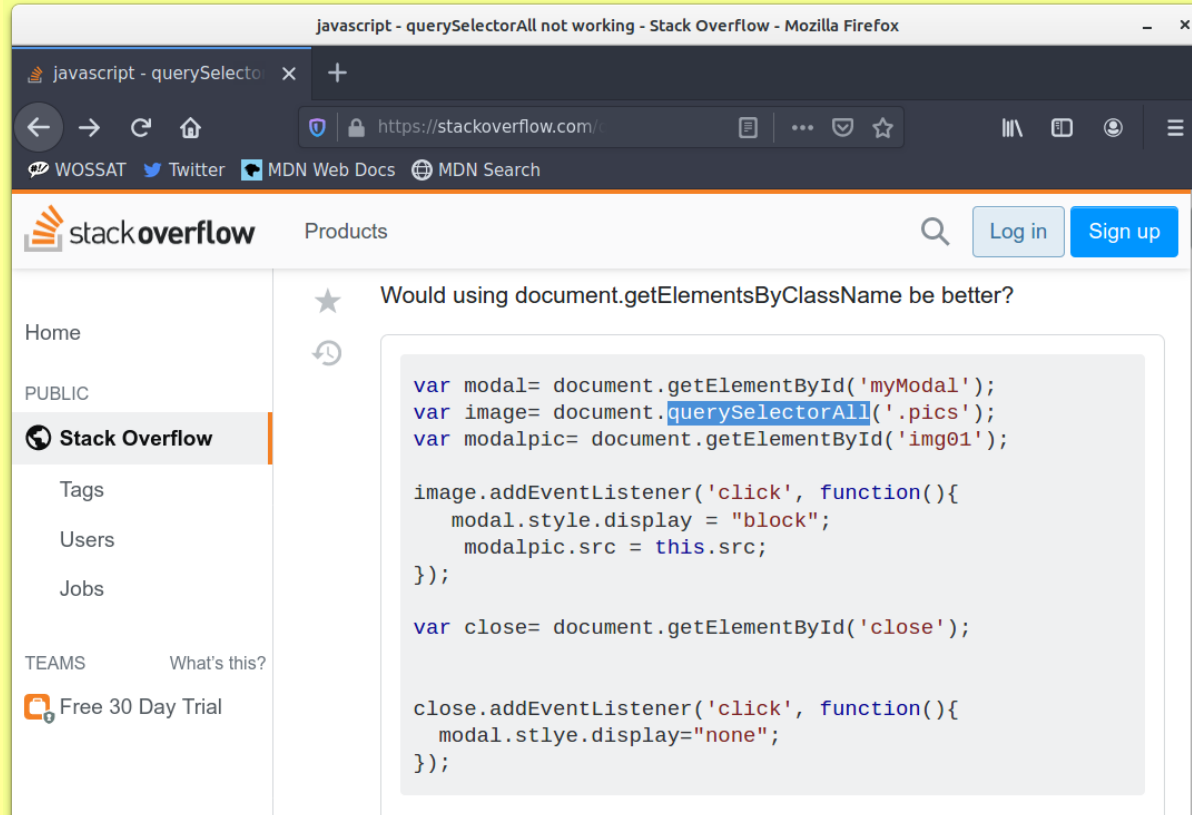
# Edit bookmarklet



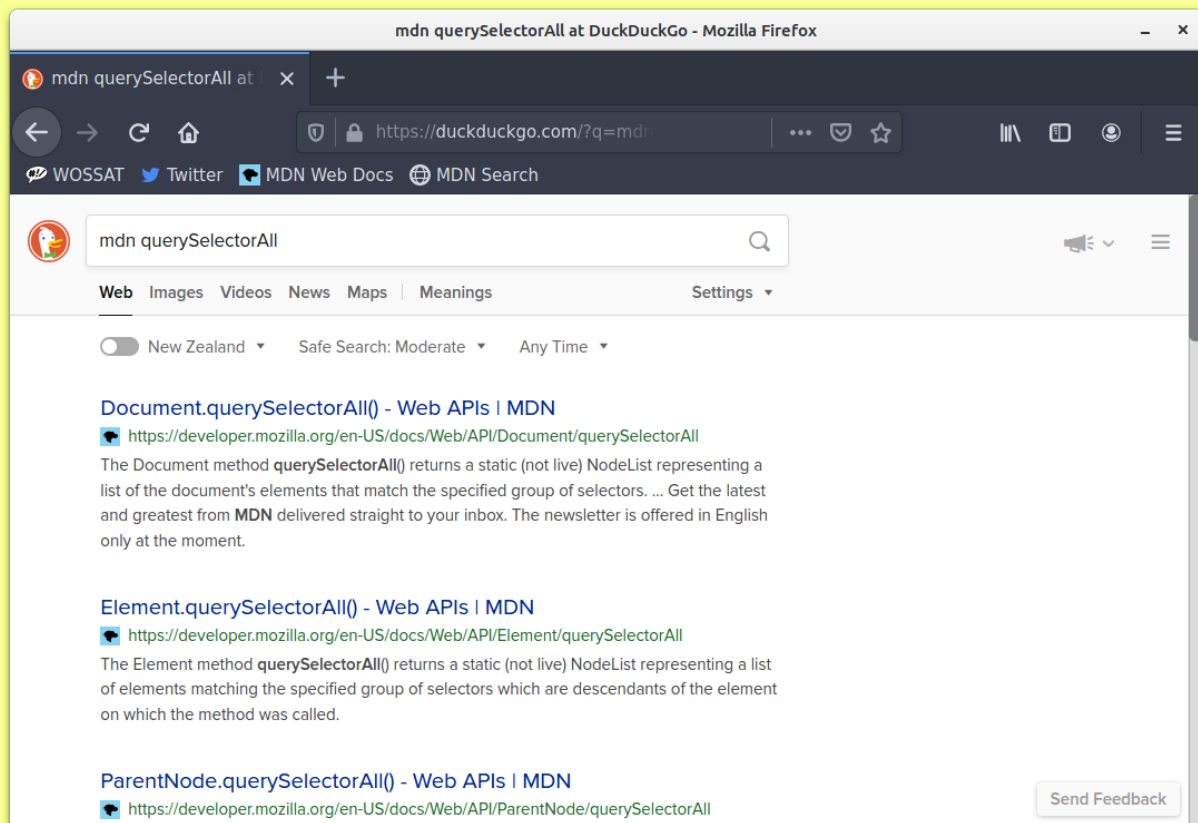
# Run bookmarklet



# A custom search bookmarklet



# Select text ... run bookmarklet





# MDN search bookmarklet code

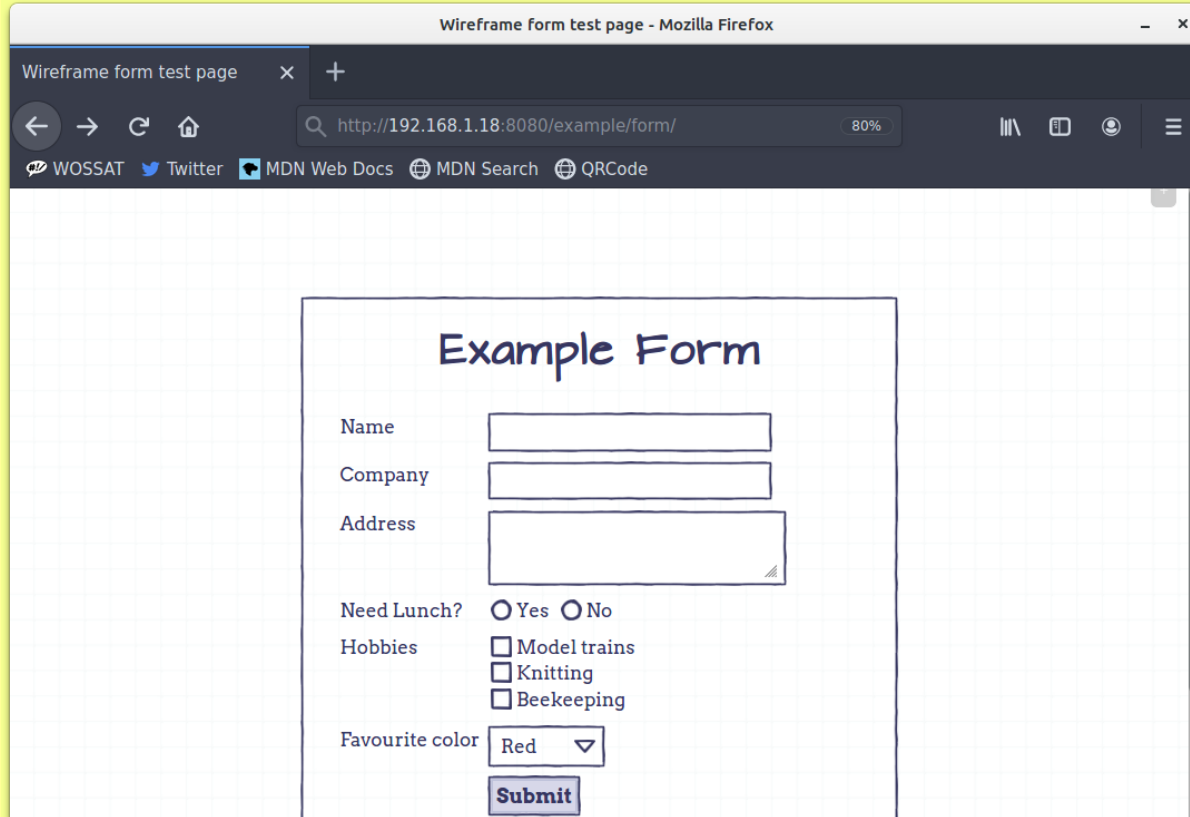
```
q = document.getSelection();  
if (q) {  
    location.href='https://duckduckgo.com/?q=mdn%20'  
    + encodeURIComponent(q);  
}
```

# MDN search bookmarklet code

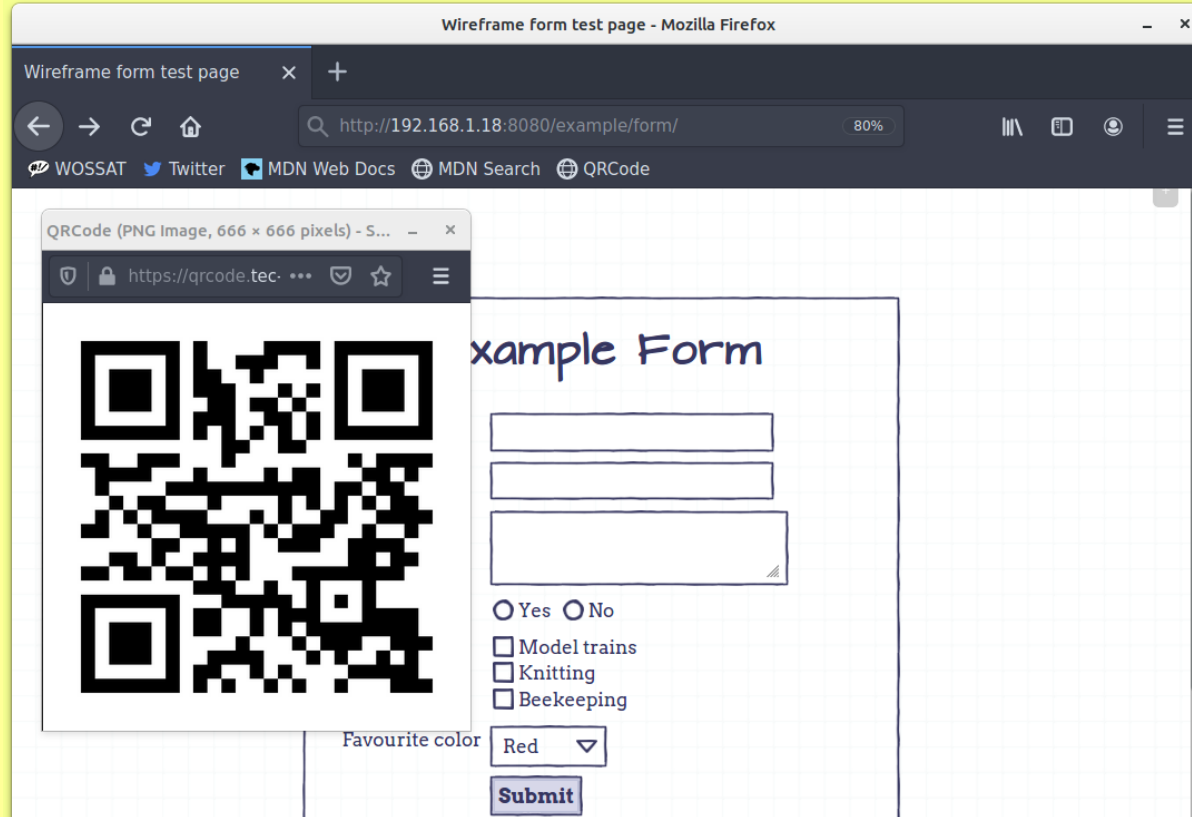
```
q = document.getSelection();  
if (q) {  
    location.href='https://duckduckgo.com/?q=mdn%20'  
    + encodeURIComponent(q);  
}
```

javascript:q=document.getSelection();if(q){location.href='https://duckduckgo.com/?q=mdn%20'+encodeURIComponent(q);}

# Open on a mobile device



# Open on a mobile device



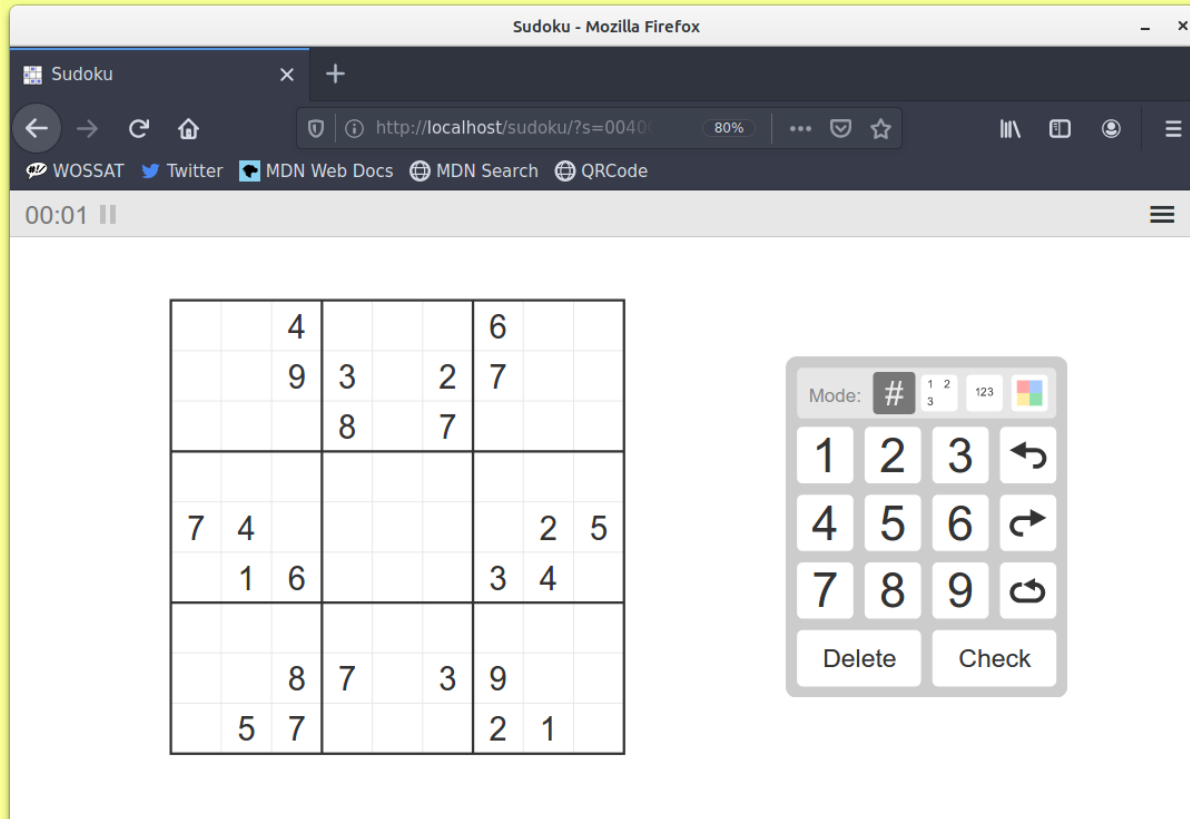
# Display URL as QRcode

```
void(  
    window.open(  
        'https://qrcode.tec-it.com/API/QRCode?quietzone=5&data='  
        + encodeURIComponent(location.href),  
        null,  
        'width=400,height=400,toolbar=no,location=no,'  
        + 'status=no,resizable=yes,scrollbars=no'  
    )  
);
```

# Load & run a Javascript file

```
e1 = document.createElement('script');  
e1.src = 'http://localhost/script.js';  
void(  
    document.head.appendChild(e1);  
);
```

# Sudoku scraping



`http://localhost/sudoku/?s=00400060000930270000080700000000000740000025016000340000000000008703900057000210`

# NYT

Sudoku - New York Times Number Puzzles - The New York Times - Mozilla Firefox

Sudoku - New York Times

https://www.nytimes.com/puzzle

WOSSAT Twitter MDN Web Docs MDN Search QRCode Scrape NYT Sudoku

**Crossword** ARCHIVE STATISTICS LEADERBOARDS SUBSCRIBE LOG IN

**Sudoku** February 16, 2020

Easy Medium **Hard** 1:02:08 || Print Help Settings

		6						
			8	9				
	4	1			3			
	8				5	1		7
3	6			7				
						2		
			3		1		2	
	7			8	2	4	1	3

Normal Candidate

1	2	3
4	5	6
7	8	9
x		

Auto Candidate Mode



# Scraper code

```
b = document.getElementsByClassName('su-board')[0];
s = [...b.getElementsByClassName('su-cell')].map(el => {
  return el.classList.contains('prefilled')
    ? el.getAttribute('aria-label')
    : '0';
}).join('');
void(window.open('http://localhost/sudoku/?s='+s, '_blank'));
```

# A different sudoku site ...

```
<SCRIPT language="JavaScript"><!--  
  var w_c=1;  
  var w_s=0;  
  var e_m=0;  
  var m_c='<FONT COLOR=green><B>Back to the start, we go!</B></FONT>';  
  var m_m='<FONT COLOR=red><B>You have made some mistakes, highlighted in red!</B></FONT>';  
  var m_w='<FONT COLOR=purple><B>Something is not quite right in * of the cells!</B></FONT>';  
  var m_i='<FONT COLOR=blue><B>Everything is OK, you still have * to go!</B></FONT>';  
  var m_d='<B>Here is the puzzle. Good luck!</B>';  
  var s_c=false;  
  var cheat='378462951526918734419375682137246895965187423284539176843721569751693248692854317';  
  var prefix='305cd';  
  var pid='3930458353';  
  // --></SCRIPT>
```

# Elsewhere in the code ...

```
<INPUT TYPE=hidden NAME=prefix ID="prefix" VALUE="305cd">
<INPUT TYPE=hidden NAME=start VALUE="1581845773">
<INPUT TYPE=hidden NAME=inchallenge VALUE="">
<INPUT TYPE=hidden NAME=level VALUE="4">
<INPUT TYPE=hidden NAME=id ID="pid" VALUE="3930458353">
<INPUT TYPE=hidden NAME=cheat ID="cheat" VALUE="3784629515269187344193756821
37246895965187423284539176843721569751693248692854317">
<INPUT TYPE=hidden ID="editmask" VALUE="111101111011111010010011110111101010
101101101010101111011110010010111110111101111">
<INPUT TYPE=hidden NAME=options VALUE="4">
<INPUT TYPE=hidden NAME=errors VALUE="0" ID="errors">
<INPUT TYPE=hidden NAME=layout VALUE="">
```

# Scraper code

```
c = (  
    document.getElementById('cheat') || {}  
) .value || '';  
m = (  
    document.getElementById('editmask') || {}  
) .value || '';  
s = '';  
for(i = 0; i < 81; i++) {  
    s = s + (m[i] === '1' ? '0' : c[i]);  
}  
void(window.open('http://localhost/sudoku/?s='+s, '_blank'));
```

# The End

```
window.close();
```