WEB: Console

The webpage looks like the following:



Not much can be done, so the first thing is to try something. Two items are available:

- Box where we can insert text
- Button

We can do a test, like the following:

test submit

Nope

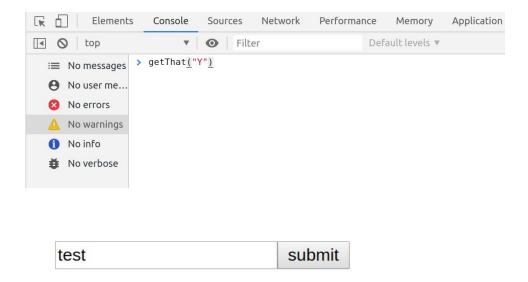
We can think that by inserting the right password we can get the flag. The first thing to do is to inspect the php.

```
<link type="text/css" id="dark-mode" rel="stylesheet" href(unknown)>
                <style type="text/css" id="dark-mode-custom-style"></style>
           <head>...
...▼<body> == $0
                        <!-- It's too easy ---
                       Nope
                 ▼<script>
                                                                       var foo = document.getElementById("p");
                                                                                             function what(){
                                                                                                               var input = document.getElementById("pass").value;
if(md5(input) =="7blece53a46f4a5a2995b9cf901bf457"){
                                                                                                                                getThat('Y');
                                                                                                               }else{getThat('N')}
                                                                                             function getThat(string){
                                                                                                                if(string ==
    $.ajax({
                                                                                                                                                        type: 'GET'
                                                                                                                                                       url: '1/key.php',
success: function (file_html) {
                                                                                                                                                                      foo.innerHTML=(file html)
                                                                                                                                });
ief
                                                                                                               }else{
                                                                                                                                     foo.innerHTML = "Nope";
                                                                                              ^{\prime} this function makes a md5 hash of whatever is passed to it. You DON'T have to understand how it works to solve
                                /* this function makes a mdS hash of whatever is passed to it. You DON'T have to understand how it works to solve */
var mdS=function(r)[function n(r,n)[return r<n]r>>>>2-n]function (r,n)[return r<n]r>>>>2-n]function (r,n)[return r<n]r>>>>2-174836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=21474836486r,u=2147483648r,u=1017474818236r)+(1017474836486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=1147486r)+(1017486r,u=11474
                             (n=string.fromCharCode(o>s12)24), n=string.fromCharCode(o>s663]128), n=string.fromCharCode(o>s663]128, n=string.fromCharCode(o>s663]128), n=string.fromCharCode(o>s663]128, n=string.fromCharCode(o>s663]128
```

We can notice javascript. From the flow, we can see that first see that the value that we insert is controlled with the *md5* function and, if there is a match, a function *getThat("Y")* is called, otherwise *getThat("N")*.

When the argument is "Y", the function *getThat* takes something from an external page and it prints its content; otherwise, we can see the default message "Nope".

The main clue is to notice that in order to get the flag, we need to be in a situation like *getThat("Y")*. However, this is just a js function, so in our browser we can go in the console section and call it. The flag is revealed.



Password: flag{console_controls_js}