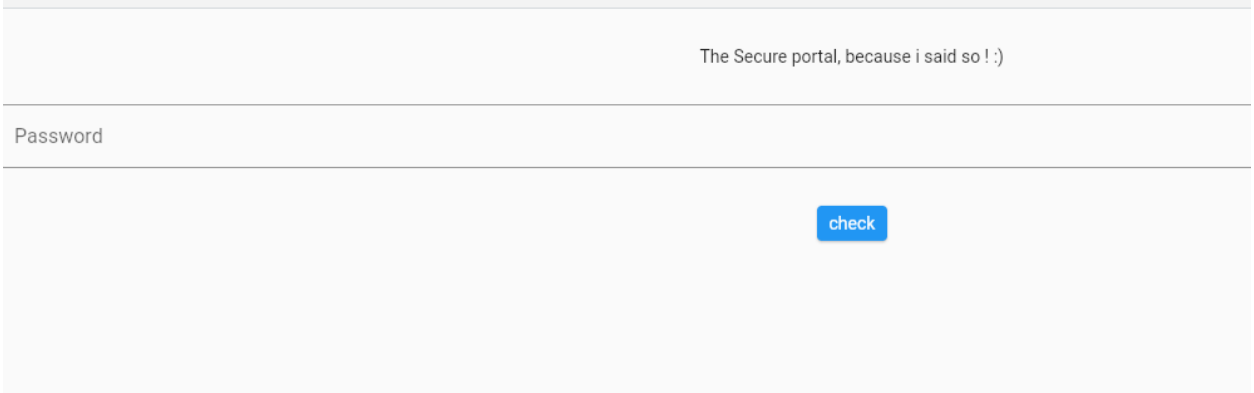
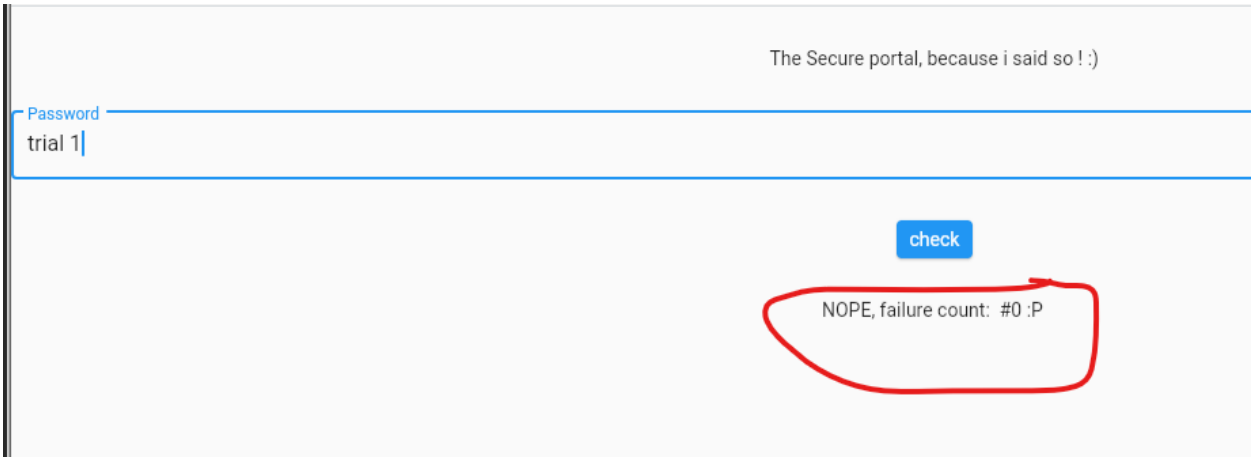
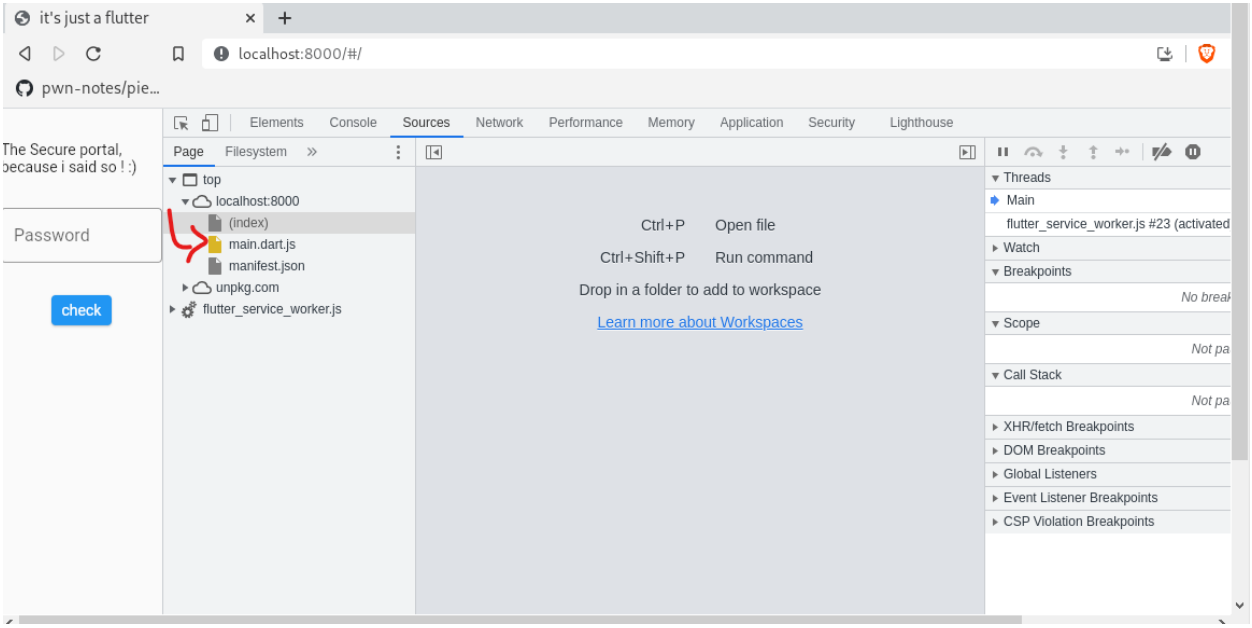
The next challenge was called flutter basically all that it does is to check if our password is correct or not:



And as we enter wrong passwords this counter increments:



So, I pressed the infamous F12 key ;) and reloaded the page:



And here is our source code!!

It’s obviously obfuscated so I decided to search for the text that it displays when we enter a wrong password:

```
53514 $S:76}
53515 N.ala.prototype={
53516 $1:function(a){return!0},
53517 $S:26}
53518 F.qP.prototype={
53519 aH:function(){return new F.FX(C.m)}}
53520 F.FX.prototype={
53521 gHq:function(){var s=this.d
53522 if(s==null)s=this.d=new D.tv(C.z9,new P.aU(t.V))
53523 return s},
53524 Y:function(a,b){var s=null,r=X.a8V(s,C.jl),q=T.kT(s,30,s),p=L.Cb("The
53525 return new S.qC(new M.rN(T.ag0(H.a([q,p,o,new Z.tw(n,m,C.ku,C.kg,C.kh,
53526 F.ZT.prototype={
53527 $0:function(){var s,r,q,p=this.a,o=p.gHq().a.a
53528 for(s=o.length,r="",q=0;q<s;++q)r+=H.bp((C.c.a2(o[q],0)+4^49)>>>0)
53529 if(r==="FHEXGRVBBARETFFJBGY")p.aw(new F.ZR(p,o))
53530 else{p.aw(new F.ZS(p));++p.e}},
53531 $S:0}
53532 F.ZR.prototype={
53533 $0:function(){this.a.f="your flag is JUST{"+this.b+"}"},
53534 $S:0}
53535 F.ZS.prototype={
53536 $0:function(){var s=this.a
53537 s.f="NOPE, failure count:  #"+C.h.i(s.e)+" :P"},
53538 $S:0}
53539 E.i2.prototype={
53540 gl:function(a){return this.b},
53541 h:function(a,b){if(b>=this.b)throw H.b(P.bh(b,this,null,null,null))
53542 return this.a[b]},
53543 n:function(a,b,c){if(b>=this.b)throw H.b(P.bh(b,this,null,null,null))
53544 this.a[b]=c},
53545 sl:function(a,b){var s,r,q,p=this,o=p.b
53546 if(b<o)for(s=p.a,r=b;r<o;++r)s[r]=0
```

Here we stop for a minute and think about the line 53528 what it could be possibly doing?
Correct! It's encoding our input and then comparing it to the "FHEXGRVBBARETFFJBGY" string if its true our flag gets printed.

I didn't even try to think about how this for loop is encoding our data, I just threw every single character on my keyboard and as a result it encoded it for me and then I mapped the comparison password "FHEXGRVBBARETFFJBGY" to

the characters I output of the encoding algorithm and I got my flag back :)