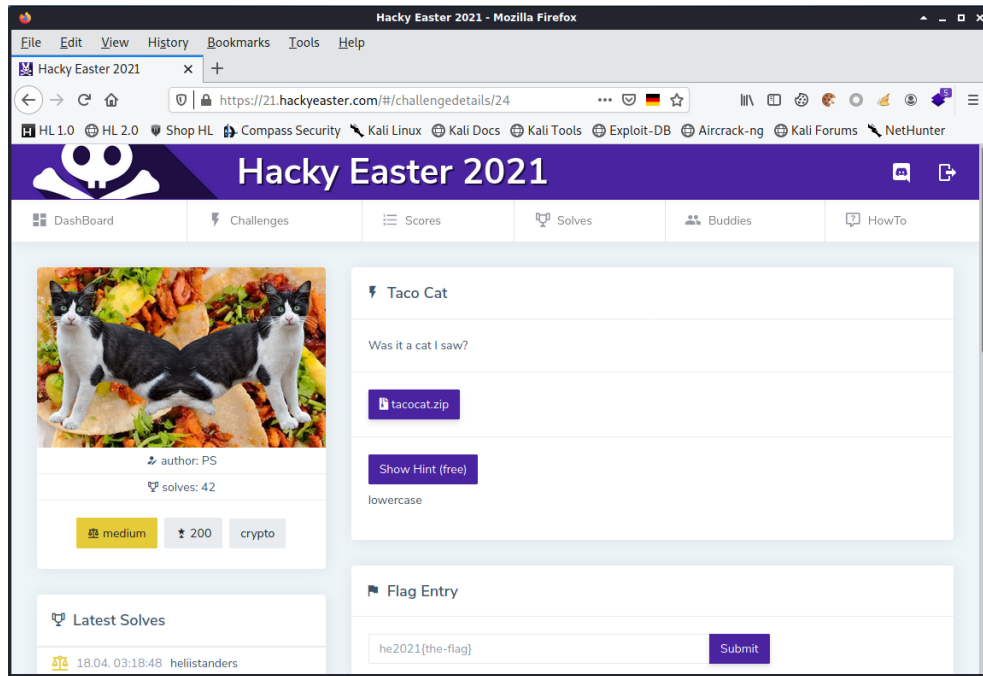


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Taco Cat

1. Click the **Taco Cat** image:



2. Click the **tacocat.zip** button and then click the **OK** button, to download the **tacocat.zip** file.
3. Open a Terminal window.
4. Execute the following command, from the Terminal window, to expand the **tacocat.zip** file:

7z x tacocat.zip

```
7-Zip [64] 16.02 : Copyright (c) 1999-2016 Igor Pavlov : 2016-05-21
p7zip Version 16.02 (locale=en_US.UTF-8,Utf16=on,HugeFiles=on,64 bits,2
CPUs Intel(R) Core(TM) i7-4930K CPU @ 3.40GHz (306E4),ASM,AES-NI)
```

```
Scanning the drive for archives:
1 file, 19056 bytes (19 KiB)
```

```
Extracting archive: tacocat.zip
--
Path = tacocat.zip
Type = zip
Physical Size = 19056
```

```
Enter password (will not be echoed):
```

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5. Type **abc123** and then press the **Enter** key:

```
ERROR: Wrong password : eggge.png
```

```
Sub items Errors: 1
```

```
Archives with Errors: 1
```

```
Sub items Errors: 1
```

6. Execute the following command, from the Terminal window, to delete the **egge.png** file:

```
rm eggge.png
```

7. Execute the following command, from the Terminal window, to extract the hashed password used in the **tacocat.hash** and output it to file **tacocat.hash**:

```
zip2john tacocat.zip > tacocat.hash
```

```
ver 2.0 efh 5455 efh 7875 tacocat.zip/eggge.png PKZIP Encr: 2b chk,  
TS_chk, cmplen=18872, decmplen=20477, crc=9A9DB798
```

8. Execute the following command, from the Terminal window, to attempt to crack the password in the **tacocat.hash** file:

```
hashcat -a 3 -m 17200 tacocat.hash "mouse?!?!?!"
```

```
hashcat (v6.1.1) starting...  
.  
.  
.  
c08254ef2ab67344a48703638811142a*$/pkzip2$:mousesuom  
  
Session.....: hashcat  
Status.....: Cracked  
Hash.Name.....: PKZIP (Compressed)  
Hash.Target.....: $pkzip2$1*2*2*0*49b8*4ffd*9a9db798*0*43*8*49b8*9a9d...kzip2$  
Time.Started.....: Sun Apr 18 17:17:41 2021 (0 secs)  
Time.Estimated....: Sun Apr 18 17:17:41 2021 (0 secs)  
Guess.Mask.....: mouse?!?!?! [9]  
Guess.Queue.....: 1/1 (100.00%)  
Speed.#1.....: 3328.9 kH/s (0.21ms) @ Accel:1024 Loops:1 Thr:1 Vec:8  
Recovered.....: 1/1 (100.00%) Digests  
Progress.....: 192512/456976 (42.13%)  
Rejected.....: 0/192512 (0.00%)  
Restore.Point....: 190464/456976 (41.68%)  
Restore.Sub.#1...: Salt:0 Amplifier:0-1 Iteration:0-1  
Candidates.#1....: mousewfnc -> mousemzvb
```

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9. Execute the following command, from the Terminal window, to expand the **tacocat.zip** file:

7z x tacocat.zip

```
7-Zip [64] 16.02 : Copyright (c) 1999-2016 Igor Pavlov : 2016-05-21
p7zip Version 16.02 (locale=en_US.UTF-8,Utf16=on,HugeFiles=on,64 bits,2
CPUs Intel(R) Core(TM) i7-4930K CPU @ 3.40GHz (306E4),ASM,AES-NI)
```

```
Scanning the drive for archives:
1 file, 19056 bytes (19 KiB)
```

```
Extracting archive: tacocat.zip
```

```
--
```

```
Path = tacocat.zip
```

```
Type = zip
```

```
Physical Size = 19056
```

```
Enter password (will not be echoed):
```

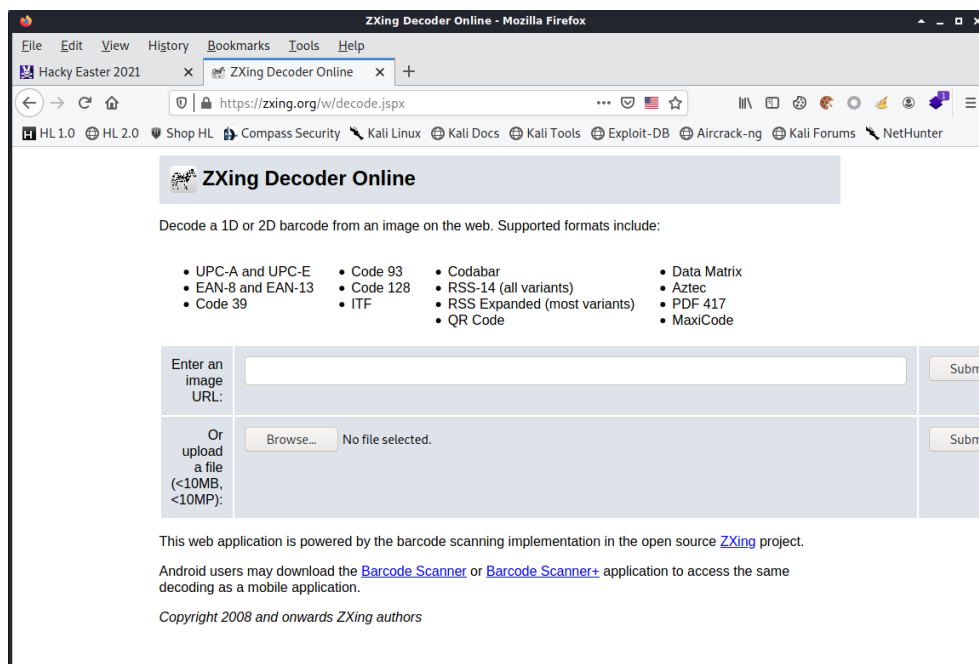
10. Type **mousesuom** and then press the **Enter** key:

```
Everything is Ok
```

```
Size:          20477
```

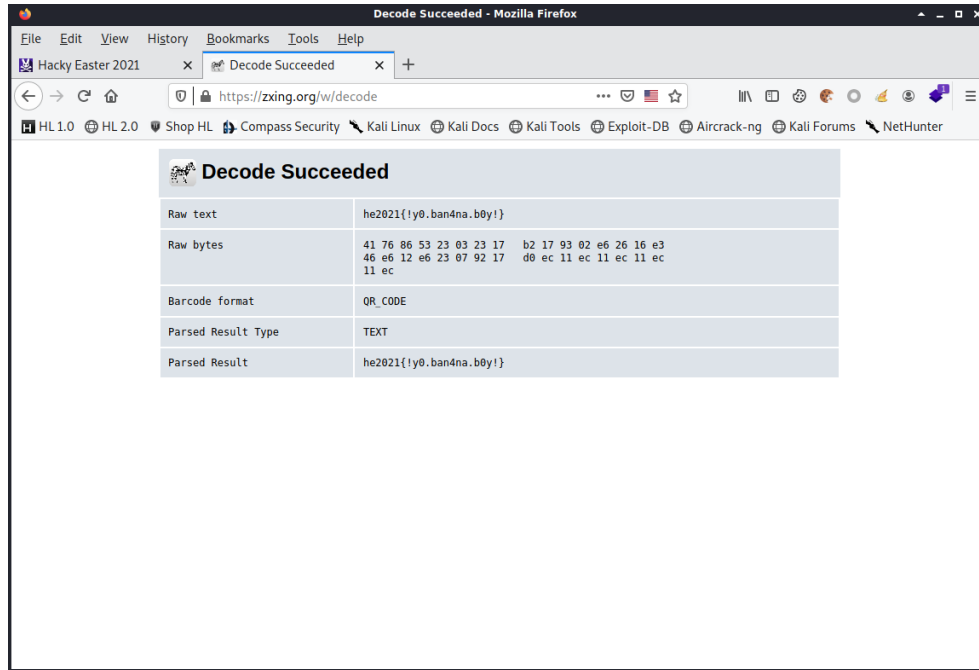
```
Compressed: 19056
```

11. Close the Terminal window.
12. Click the **Second** tab.
13. Navigate to **<https://zxing.org>**:



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14. Click the **Browse...** button and then open the **eggge.png** file.
15. Click the **Submit Query** button:



16. Close the **Second** tab.

Flag: **he2021{!y0.ban4na.b0y!}**