

EmdeeFiveForLife



Reported by kaiUb (<https://github.com/kaiUb777>)

1. Initial challenge web page

MD5 encrypt this string

MxlWWSl4L6jd5y5NlSFm

MD5

Submit

2. See where is the string text in “inspector” to encoding in our script

```
<html>
  <head> </head>
  <body style="background-color:powderblue;">
    <h1 align="center">MD5 encrypt this string</h1>
    <h3 align="center">MxlWWSl4L6jd5y5NlSFm</h3>
    <center>
      <form action="" method="post">
        <input type="text" name="hash" placeholder="MD5" align="middle">
        <br>
        <input type="submit" value="Submit">
      </form>
    </center>
  </body>
</html>
```

3. Script code for solving the problem in python

```

1  import requests
2  import hashlib
3  import re
4
5  url = "http://docker.hackthebox.eu:30943/" #change port if you need
6  session = requests.Session()
7  out = session.get(url)
8  str = re.search(r"<h3 align='center'>(\w*)</h3>", out.text)
9
10 result = hashlib.md5(str.group(1).encode('utf-8')).hexdigest()
11
12 print("Sending MD5:-{}".format(result))
13
14 data = {'hash': result}
15 out = session.post(url = url, data = data)
16
17 print(out.text)

```

4. Execute the script and get the flag!

```

[kaiub@parrot]--[~/Documents/HackTheBox/Challenges/EmdeeFiveForLife]
$python3 emdeefiveforlife.py
Sending MD5:-6374752b4d53305db5f6d90e2e4ff244
<html>
<head>
<title>emdee five for life</title>
</head>
<body style="background-color:powderblue;">
<h1 align='center'>MD5 encrypt this string</h1><h3 align='center'>DDocBsVvE8dtPp
xKWEcN</h3><p align='center'>HTB{ }</p><center><form action=""
method="post">
<input type="text" name="hash" placeholder="MD5" align='center'></input>
<br>
<input type="submit" value="Submit"></input>
</form></center>
</body>
</html>

```