

# Symbolic Decimals-

## Symbolic Decimals

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Community Rating: 3.66 / 5

Did you know that you can hide messages with symbols? For example, `!@#$$%^&*()` is 1234567890! <br /> Now Try:  
`^&,*$,&),!@#,*#,!!^,(&,$,!!$,($,$^,($,*&,&,$,!!$,!!%,($,$^,($,&),!!!,!!$,($,$^,($,&^,!)%,!@,`  
However, this isn't as easy as you might think.

From the description it's given that

**!@#\$\$%^&\*() = 1234567890**

I don't know it's for me or for everyone that the cipher text provided it not complete. So, after decoding I have guessed to complete the flag.

I made a program to decode the cipher,

```
1 a = "!@#$$%^&*()"
2 b = "1234567890"
3 enc = ['^&', '*$', '&'), '!@#', '*#,' '!!^', '(&,$,!!$', '($,$^', '($,*&,&,$,!!$', '!!%', '($,$^', '($,&), '!!!', '!!$', '($,$^', '($,&^,!)%,!@,'
4 dec = ""
5 for i in enc:
6     for ch in i:
7         for j in range(len(a)):
8             if a[j] == ch:
9                 dec += b[j]
10
11
12 print(dec)
```

**67 84 70 123 83 116 97 114 95 46 95 87 97 114 115 95 46 95 70 111  
114 95 46 95 76 105 102**

After decoding this ascii value, we get the flag

The screenshot shows a web-based tool interface with the following components:

- Operations Panel (Left):** A sidebar with a search bar and a list of operations. Under "Favourites", "To Base64" is selected. Other operations include "From Base64", "To Hex", "From Hex", "To Hexdump", "From Hexdump", "URL Decode", "Regular expression", "Entropy", "Fork", "Magic", "Data format", "Encryption / Encoding", "Public Key", and "Arithmetic / Logic".
- Recipe Panel (Middle):** A green header "From Decimal" with a "Delimit" dropdown set to "Space" and a checkbox for "Support signed values". At the bottom, there is a "STEP" button, a green "BAKE!" button with a chef icon, and an "Auto Bake" checkbox.
- Input Panel (Top Right):** Displays a sequence of ASCII values: 67 84 70 123 83 116 97 114 95 46 95 87 97 114 115 95 46 95 70 111 114 95 46 95 76 105 102. Metadata shows start: 0, end: 89, length: 89, lines: 1.
- Output Panel (Bottom Right):** Displays the decoded result: "CTF{Star\_.Wars\_.For\_.Life}". Metadata shows time: 5ms, length: 27, lines: 1.

Flag is: CTF{Star\_.Wars\_.For\_.Life}