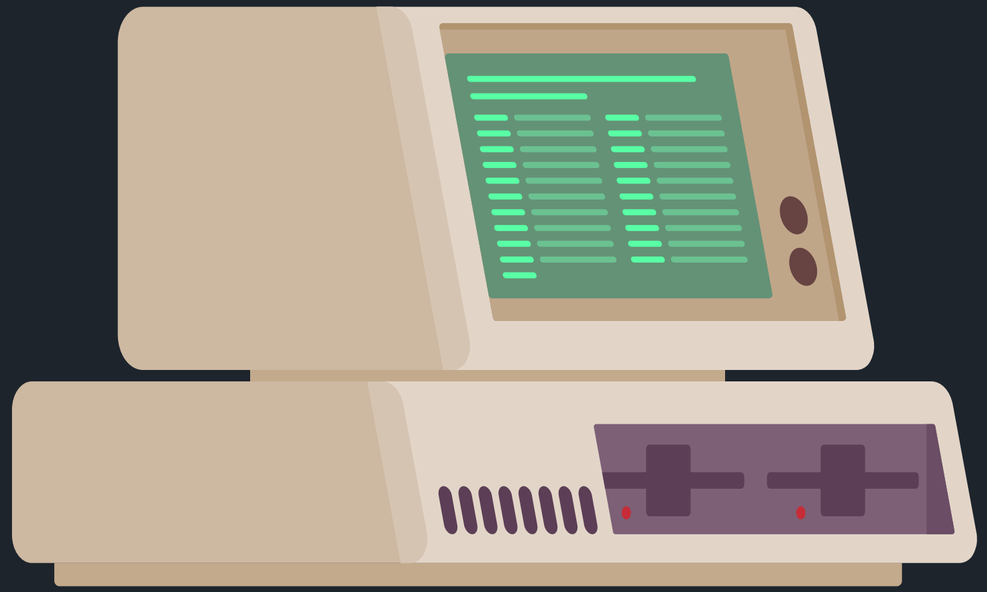
REGULAR EXPRESSION

LESSON
UNICODE MATCHING

A BRIEF INTRODUCTION TO THE HISTORY OF CHARACTER ENCODING & TALK ABOUT UNICODE MATCHING

COD3R.IO



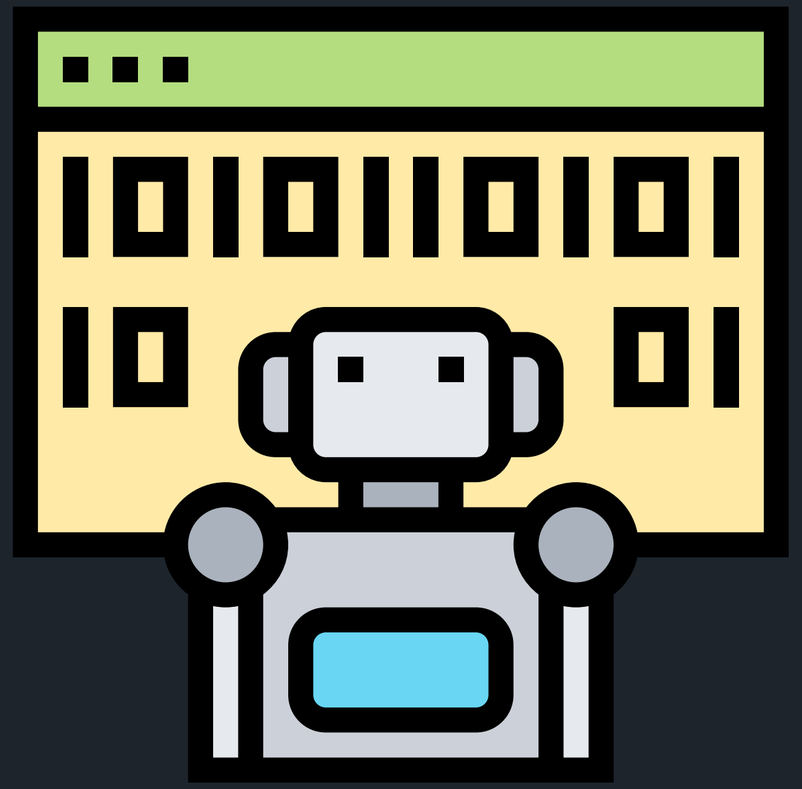
IN THE DAWN OF PROGRAMMING...

ONLY 1 BYTE NEEDED

256 CHARACTERS

THAT REPRESENTS

- LATIN ALPHABET (CAPITAL AND LOWERCASE)
- DIGITS(0-9)
- SOME SPECIAL SYMBOLS
- ACCENTS



BUT WHAT ABOUT ALL THE OTHER ALPHABETS?

AND THE ANSWER IS...

UNICODE
DYNAMIC BYTE SIZED

SUPPORTING
1 MILLION CHARACTERS

UNICODE-TABLE.COM

characters > JS MatchingUnicode.js

REGULAR EXPRESSION

\u + code point

characters > JS MatchingUnicode.js

REGULAR EXPRESSION

```
\u03A0
```

characters > JS MatchingUnicode.js

REGULAR EXPRESSION

```
/ \u03A0|\u2705|\u231A|\u26C4 /g
```

TEST STRING

"Here are some cool looking characters & emojis Π✅⌚⛄"

REGULAR EXPRESSION

```
/ \u2705|\u231A|\u26C4|\u03A0 /g
```

OUTPUT

```
[ 'Π', '✅', '⌚', '⛄' ]
```

characters > JS MatchingUnicode.js

REGULAR EXPRESSION

```
/  \u{03A0}|\u{2705}|\u{231A}|\u{26C4}  /g
```

TEST STRING

```
"Here are some cool looking characters & emojis Π✅⌚⛄"
```

REGULAR EXPRESSION

```
/  \u{03A0}|\u{2705}|\u{231A}|\u{26C4}  /g
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OUTPUT

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[ 'Π', '✅', '⌚', '⛄' ]
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