

Random Quotes

Array med objekter inde i et Array.

Jeg har valgt denne struktur fordi at jeg har flere kategorier(1. array), som skal indeholde citater(2.array).

2. array indeholder objekter, der har vairablerne "text", "author", "source" og "year".

```
const quotes = [
  [
    {
      "text": "Learn as if you will live forever, live like you will die tomorrow.",
      "author": "Mahatma Gandhi",
      "source": "The Words of Ghandi",
      "year": "1982"
    },
    {
      "text": "If you cannot do great things, do small things in a great way",
      "author": "Napoleon Hill",
      "source": "???",
      "year": "???"
    },
    {
      "text": "All your dreams can come true if you have the courage to pursue them",
      "author": "Walt Disney",
      "source": "???",
      "year": "???"
    }
  ],
  [
    {
      "text": "There is no difference between communism and socialism, except in the means of achieving the same ultimate end: communism proposes to enslave men by force, socialism - by vote. It is merely the difference between murder and suicide.",
      "author": "Ayn Rand",
      "source": "The Ayn Rand Lexicon: Objectivism from A to Z",
      "year": "1988"
    },
    {
      "text": "All alone! Whether you like it or not, alone is something you'll be quite a lot!",
      "author": "Dr. Seuss",
      "source": "Oh, the Places You'll Go! and The Lorax",
      "year": "???"
    },
    {
      "text": "She can paint a pretty picture but this story has a twist. The paintbrush is a razor and the canvas is her wrist",
      "author": "Amy Efew",
      "source": "After",
      "year": "2009"
    }
  ],
  [
    {
      "text": "Jeg magter det ikke, Jon-Jon",
      "author": "Axel",
      "source": "His mouth",
      "year": "2023"
    },
    {
      "text": "Gentlemen, you can't fight in here. This is the war room.",
      "author": "President Merkin Muffley",
      "source": "Dr. Strangelove",
      "year": "1964"
    },
    {
      "text": "Truth hurts. Maybe not as much as jumping on a bicycle with a seat missing, but it hurts.",
      "author": "Lt. Frank Drebin",
      "source": "The Smell of Fear",
      "year": "1991"
    }
  ]
]
```

Min RandomlyGenerateQuote funktion bruger 2 variabler: category_number og quote_number.

category_number afgør hvilket index af mit første array vi skal arbejde med (mine kategorier), hvorefter quote_number afgør hvilket objekt vi får fra det nastede array.

Både category_number og quote_number bliver tilfældigt genereret fra 0-2(ud fra længden af de pågældende arrays)

eksempel: quote[2][0].text (quote > kategori: funny > første citat i funny, osv.

```
function RandomlyGenerateQuote(){
  category_number = Math.floor((Math.random() * categories.length));
  quote_number = Math.floor((Math.random() * quotes[category_number].length));

  quoteDisplay.innerHTML = quotes[category_number][quote_number].text
  authorDisplay.innerHTML = quotes[category_number][quote_number].author
  sourceDisplay.innerHTML = quotes[category_number][quote_number].source
  yearDisplay.innerHTML = quotes[category_number][quote_number].year
  categoryDisplay.innerHTML = "Category: " + categories[category_number]
}
```

InspirationalQuoteGenerator (og de andre kategorier) er næsten identiske med min første funktion. Den eneste forskel er, at category_number ikke længere bliver automatisk generet, men at den er statisk sat til 0, 1 eller 2, ud fra hvilken kategori funktionen tilhører

```
function inspirationalQuoteGenerator(){
  category_number = 0;
  quote_number = Math.floor(Math.random() * quotes[category_number].length);

  quoteDisplay.innerHTML = quotes[category_number][quote_number].text
  authorDisplay.innerHTML = quotes[category_number][quote_number].author
  sourceDisplay.innerHTML = quotes[category_number][quote_number].source
  yearDisplay.innerHTML = quotes[category_number][quote_number].year
  categoryDisplay.innerHTML = "Category: " + categories[category_number]
}
```