

DDG University

Informal Goals

1. Learn new things related to technology.
2. Learn from each other.
3. Foster inter-team building.
4. To become better engineers.

*Search for **DDG University** in Asana.*

Structure and Interpretation of Computer Programs (*SICP*)

by Harold Abelson and Gerald Jay Sussman

2.3 Symbolic Data

1. Quotation and Symbols

Symbols

1. Symbols are atomic values.
2. You can think of them as immutable strings.
3. They may or may not be associated with variables.

Quoting

We create symbols with (quote) or ':

```
(define a 1)
(define b 2)
(define c 3)

(list a b c)
> '(1 2 3)

'(a b c)
> '(a b c)

(quote a b c)
> '(a b c)

'(a b (c d) e (f))
> '(a b (c d) e (f))
```

That's all for section 2.3.

Thanks!