

# Example note

## Simple text

The **quick** brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

- Bullet
  - List
1. Numbered
  2. List

- Check
- list

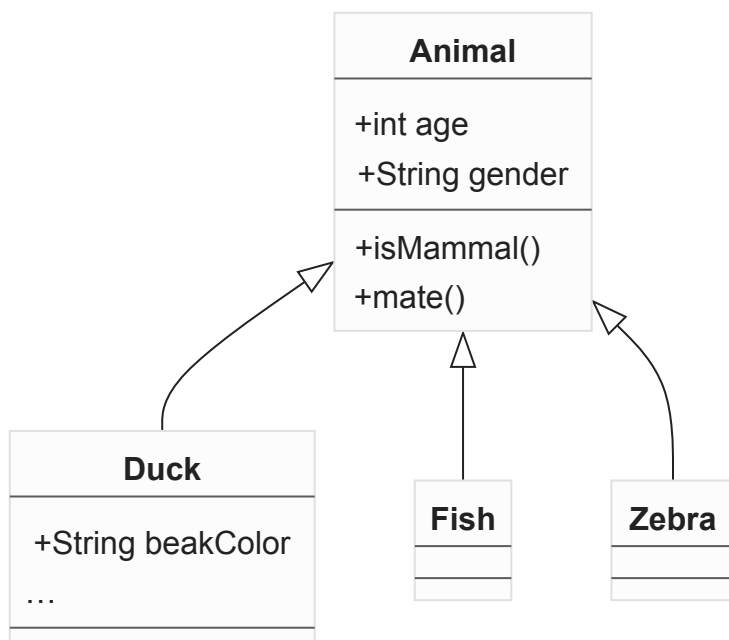
<b>Tables</b>	<b>as</b>
well	;) )

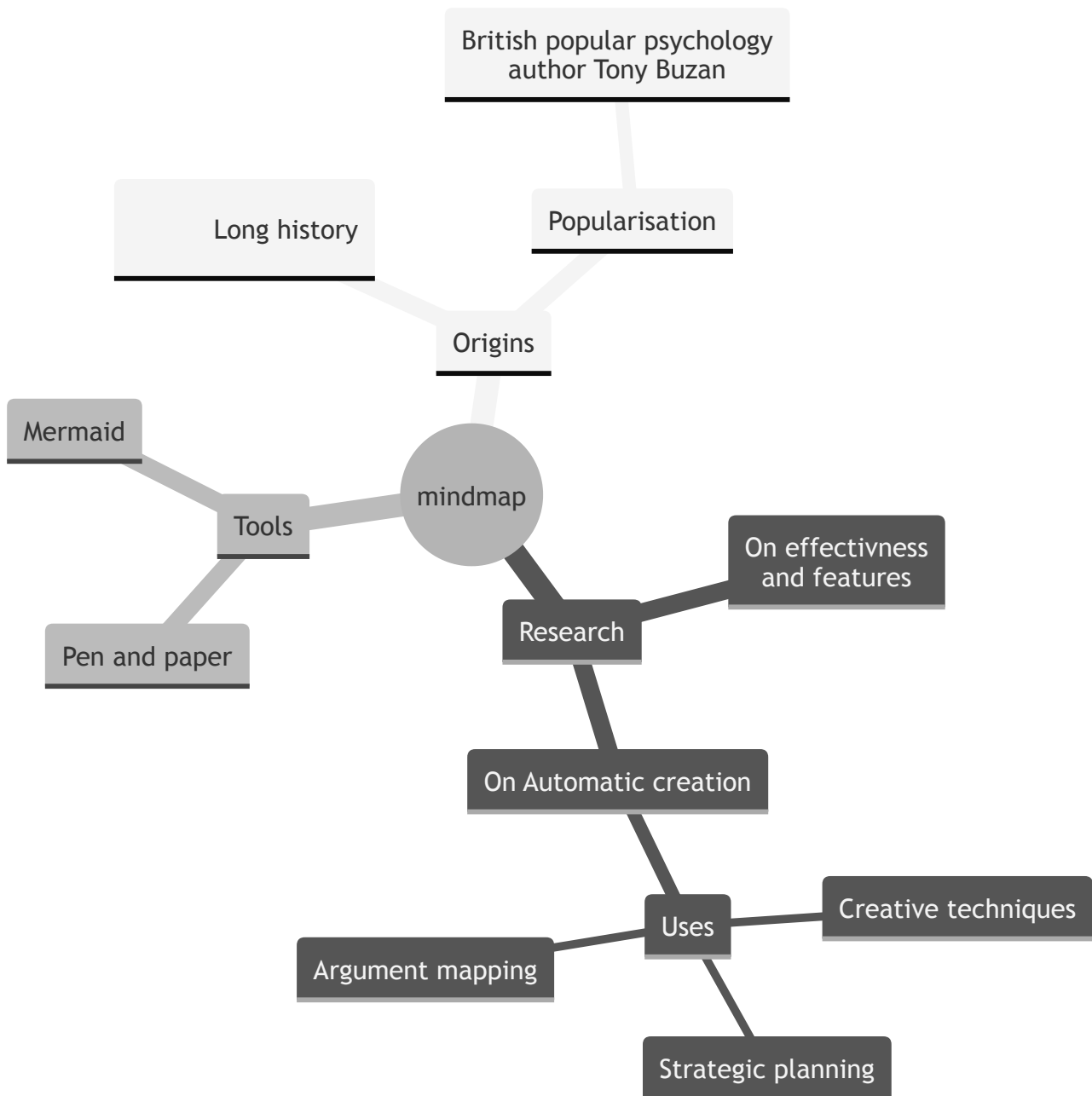
Quotes, in case you need them

- me, just now

## Code & diagrams

```
for (i in 1..10) {  
    println(i)  
}
```





## Math blocks & handwriting

$$1 = \frac{\pi}{\pi} = e^0$$

**Aufgabe ÜB1V-P01 (Linear zu lösende Gleichungen):**

Lösen Sie die folgenden drei Gleichungen nach  $x$  auf.

a)  $2x + 7 = 4x + 1$

b)  $2m \cdot x + 4m = m \cdot x + 3m$

c)  $x \cdot (x + 1) = x^2 - x + 1$

a:  $2x + 7 = 4x + 1 \quad | -7$

$$2x = 4x - 6 \quad | -4x$$

$$-2x = -6 \quad | :(-2)$$

$$x = 3$$

b:  $2mx + 4m = mx + 3m \quad | -mx - 4m$

$$mx = -m \quad | :m$$

$$x = -1$$

c:  $x \cdot (x + 1) = x^2 - x + 1$

$$\cancel{x^2} + x - \cancel{x^2} - x + 1 \quad | +x$$

$$2x = 1 \quad | :2$$

$$x = \frac{1}{2}$$