# Loops

- Repeating a certain thing

$$for( \quad i=0; \quad i==10; \quad i++ )\{$$

$1 \qquad 2 \qquad 3$

$i == 10$

$i \leq$

$i = 1$

$i = 2$

$i = 1$

- For loop
  - While Loop
  - Do While
  - Nested Looping

$$while(a=10)\{$$

$$\boxed{a \, != 10} \; \}$$