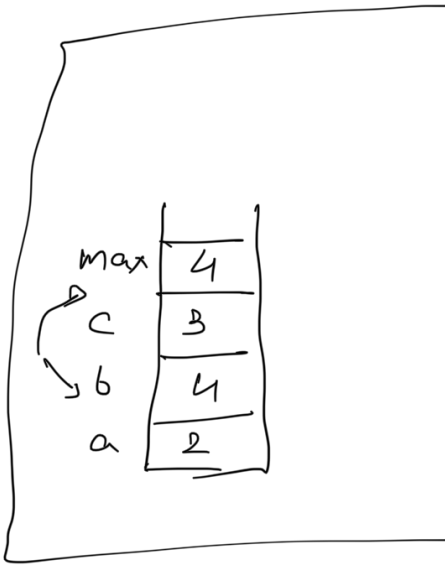
Conditionals

Q Max of 3 numbers

```
int a, b, c
int max;
```

a = 2
b = 4
c = 3

```
if (a > b && a > c) {
    max = a;
}
else if (b > a && b > c) {
    max = b;
}
else {
    max = c;
}
// max
```



Max of 2 numbers

```
int a = 4;
int b = 7;
if (a > b) {
    ——
    ——
}
```

→ Statements

Switch Statement

```
int a = 9
switch(a) {
  case 1:
    ---
    ---
    break;
  case 3:
    ---
    ---
    break;
  case 4:
    ---
    ---
    ---
    ---
    ---
  case 5:
  default:
```

values

Q Number of day

int day 1 ⇒ Monday

2 = Tuesday

3 ||

4

5 ||.

6 ||

7 ⇒ Sunday

```
if (day == 1) {
    Syso("Monday")
} else if (day == 2) {
    Syso("Tuesday")
} else if
} else if
} else if
} else {
}
```

```
switch (day) {
case 1:
    syso("Monday");
    break;
case 2
    syso("Tuesday");
```

```
Case 7
}
```

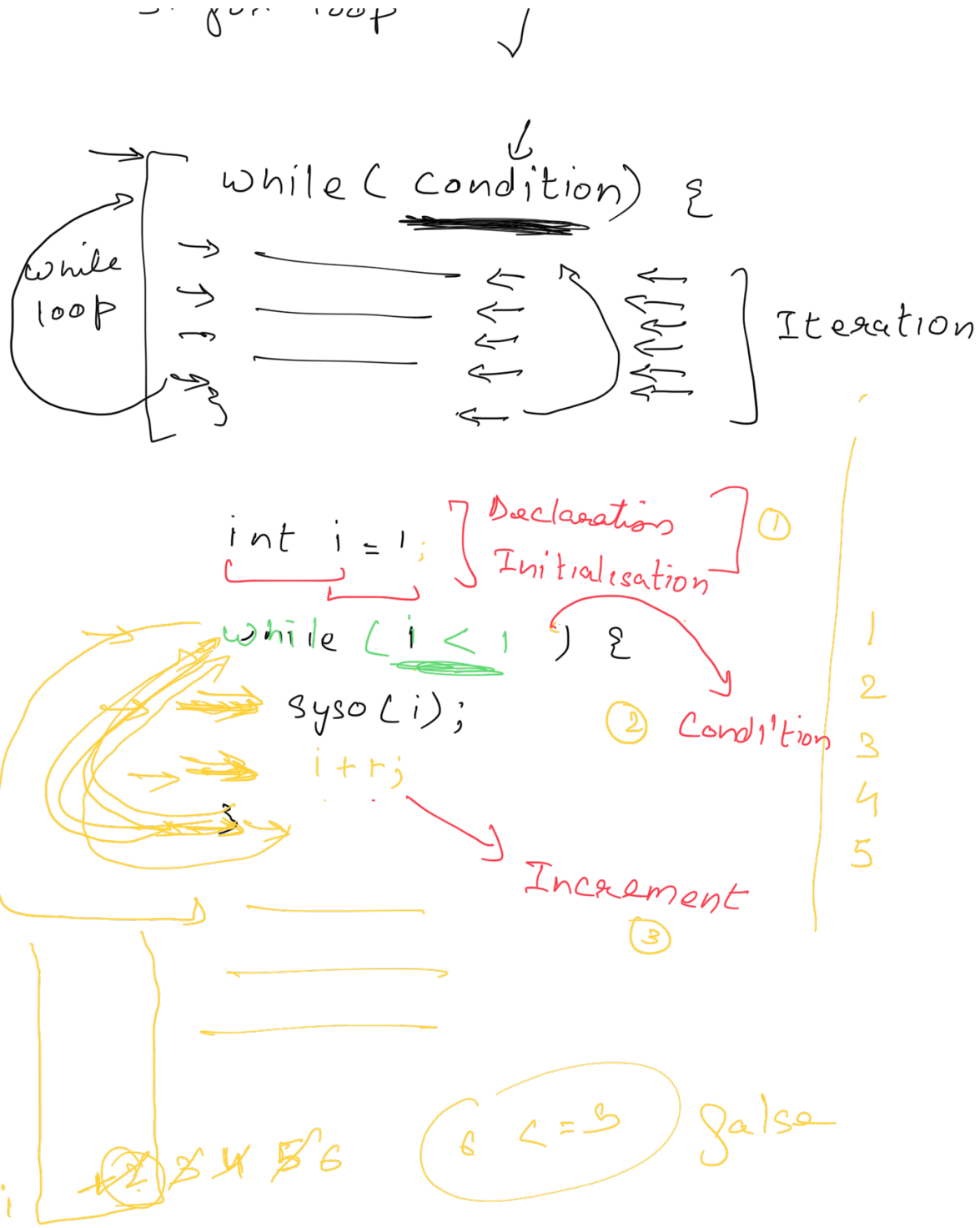
Loops

Q Print 1 - 10

```
syso(1);
syso(2);
syso(3);
  :
  :
syso(10);
```

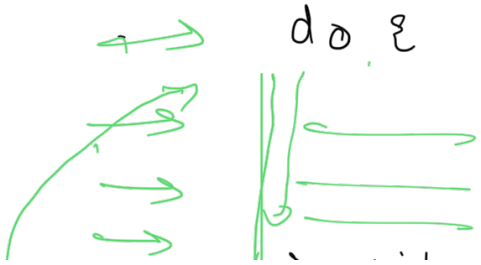
1. While Loop
2. do while loop
3. For loop

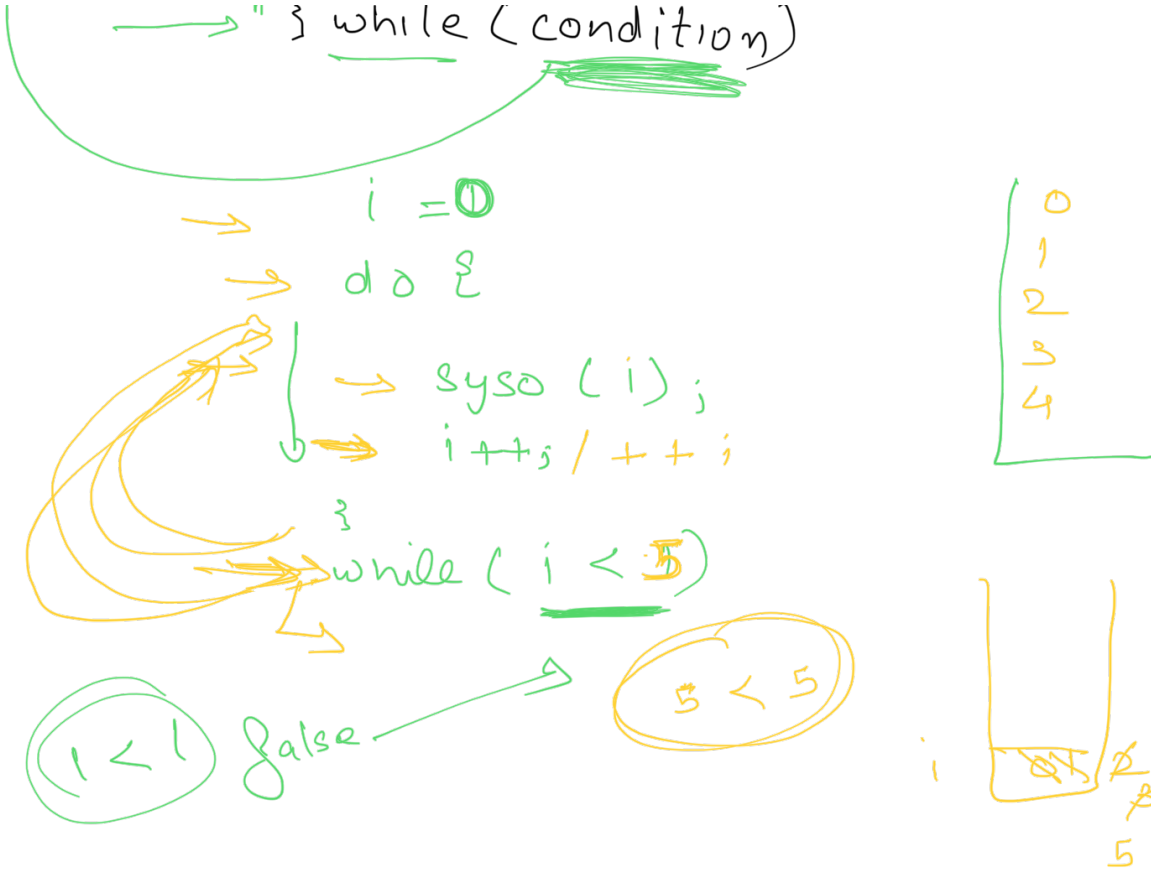
→ Repeatitive work



do while

Syntax





while

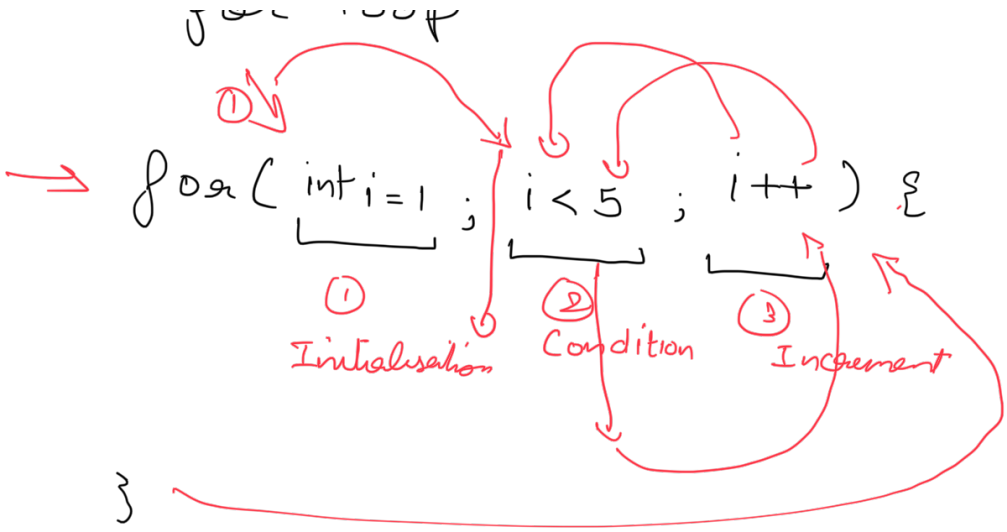
→ checks condition
true → iterates
false → exits loop

do while

executes 1st tim
↳ check the cond
↳ continue
↳ break;

while ( ) {

}


for (int i = 1 ; i < 5 ; i++) {
1
2
3
Initialisation
Condition
Increment
}