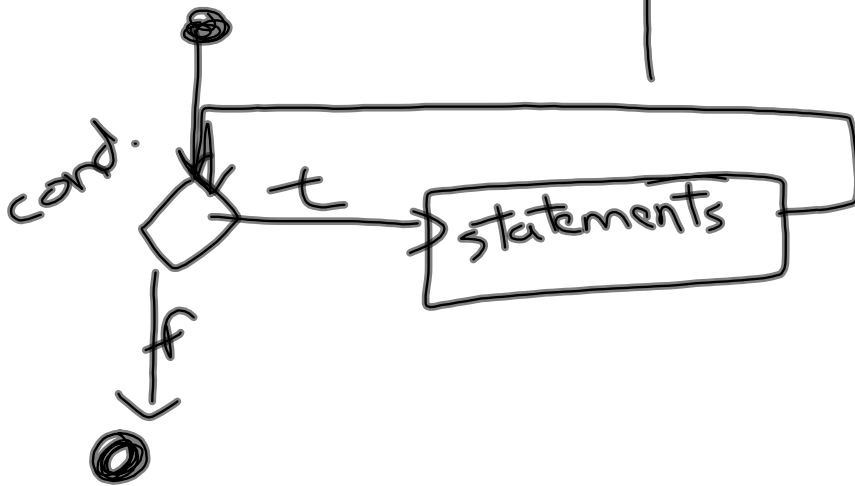
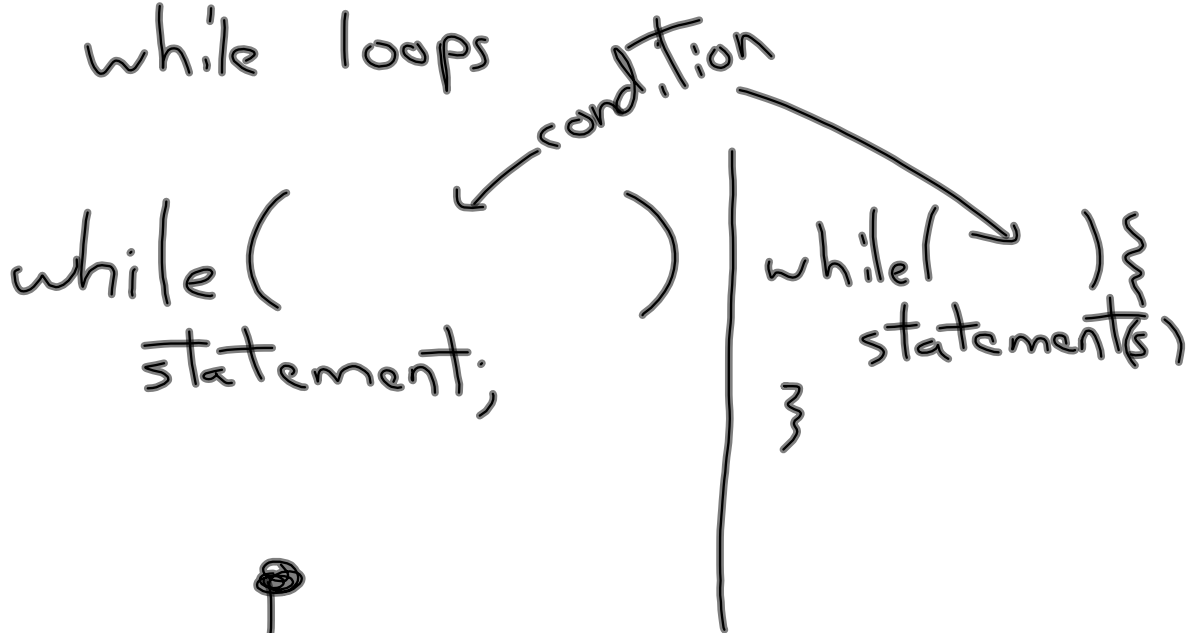



# Repetition

while loops



1. starting point
2. Do we keep going? (condition)
3. What "action" are we repeating?
4. Take the next step  (statements)

whileLoops.java

int count = 1; // starting point

while (count <= 10) { // keep going?  
 S.o.pln("Hello"); // repeat this  
 count++; // next step ++count  
 count = count + 1

}

S.o.pf("Hello %d\n", count);

∞ loop

# Unix Commands

ps process list

kill

PID

kill

-9

PID

count 3 to 15 by 2

---

count down from 10 to 1

print squares from 1 to 20

1	<del>1</del>	1
2	<del>4</del>	4
3	<del>9</del>	9
4		16
5		25
...		

```

s.o.pf("%d\t%d\n",
      count,
      count * count);
count ^ 2

```

---

x	x <sup>2</sup>	2 <sup>x</sup>
1	1	2
2	4	4
3	9	8
...		