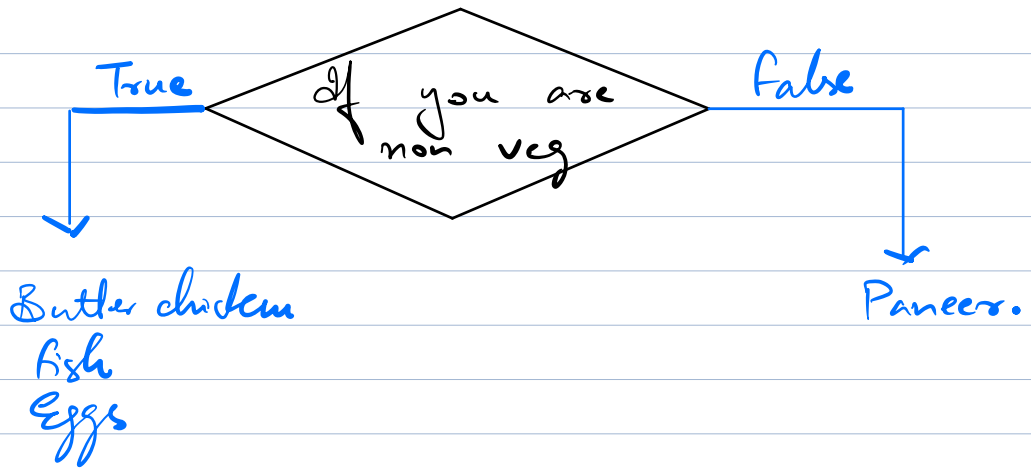
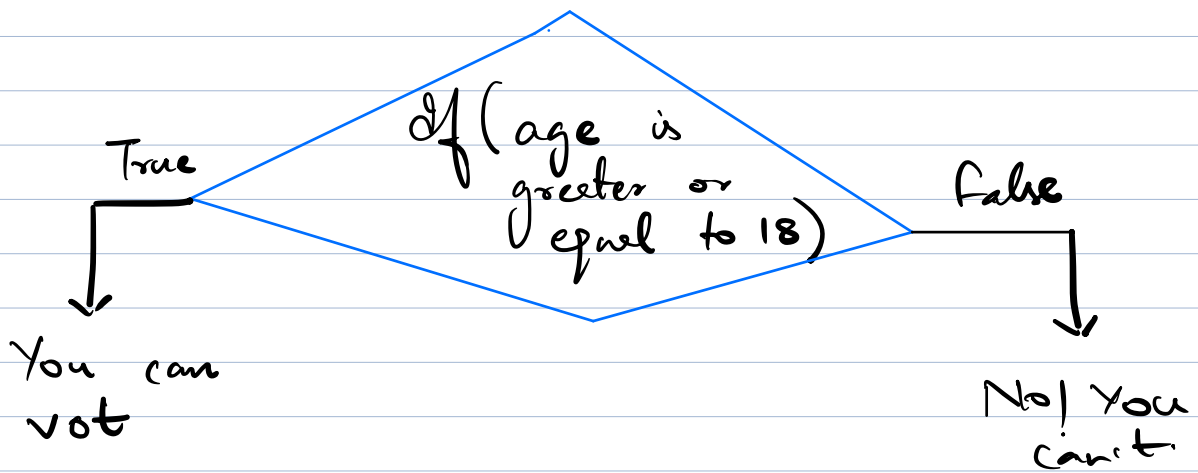
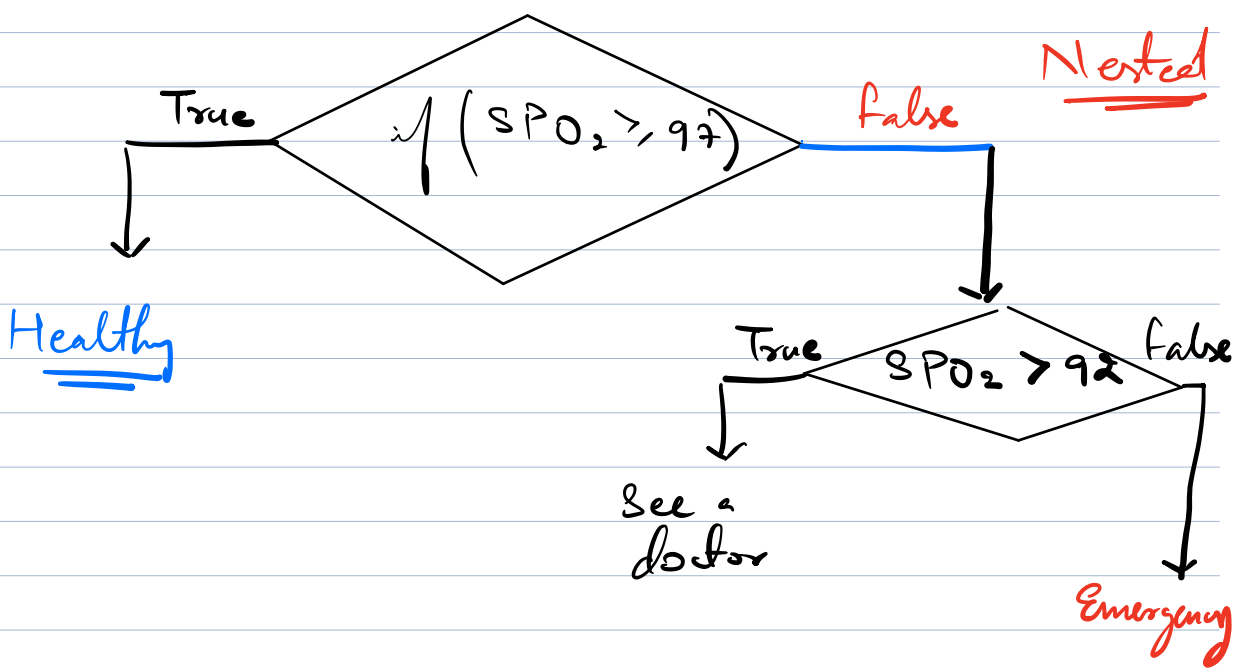

True
if you are non veg
False
Butter chicken
Fish
Eggs
Paneer.


True
if (age is greater or equal to 18)
False
You can vot
No! You can't.

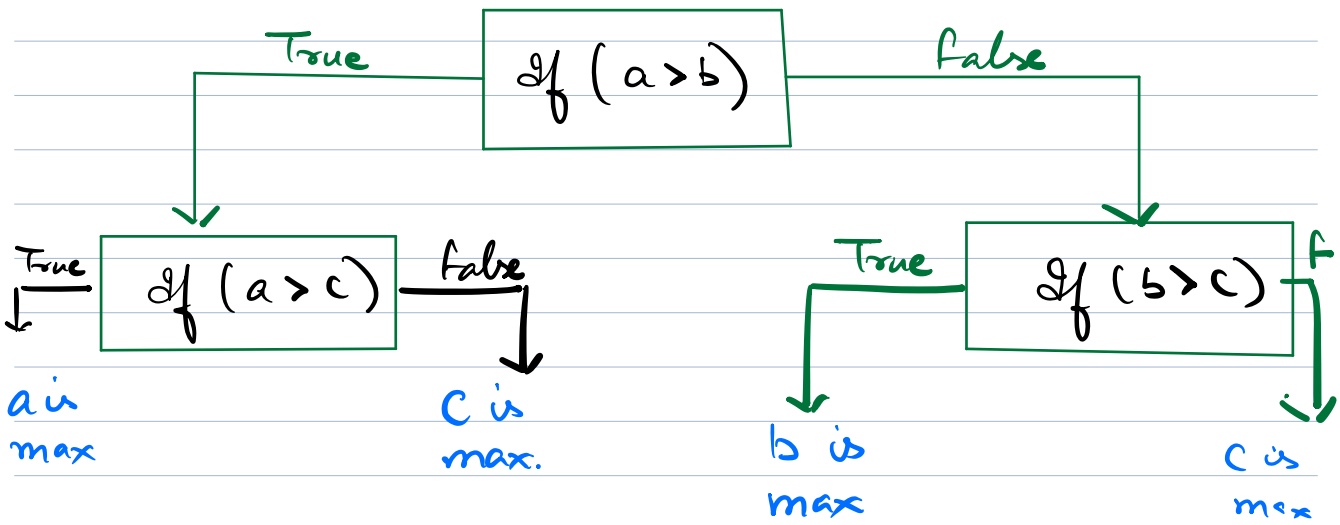
Nested


True
if (SPO2 >= 97)
False
Healthy
True
SPO2 > 92
False
See a doctor
Emergency

dist < 10 Kms.

Given 3 numbers.

Print the max. (a, b, c)



a = 1, b = 2, c = 3

a = 2, b = 3, c = 1

a = 5, b = 2, c = 5

AND / OR

Manik and Kundan are intelligent

Tea or coffee ?

if ((cond 1) and (cond 2) and (cond 3)) {

→ &&

if ((cond 1) OR (cond 2) OR (cond 3)) {

→ ||

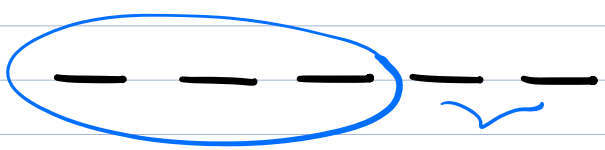
a ⇒ (a>b) && (a>c)

b ⇒ (b>a) && (b>c)

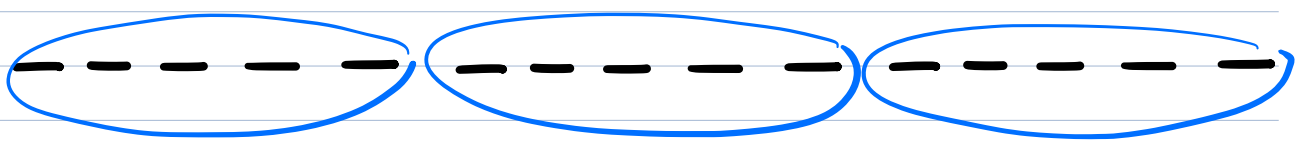
c ⇒ (c>a) && (c>b)

---

5 ÷ 3 —Remainder→ 2



15 ÷ 5 —Remainder→



$a \div b$ → 0 → if b divides a

→ >0 (if b does not divides a)

$1 \div 5$ —Remainder→ 1

Dividend = Divisor × Quotient + Remainder

Remainder → [0, Divisor − 1]

% → Modulo (Remainder)

$a \% b$ → Remainder of $a \div b$

Q. Given a no. N.

Print "fizz" if N is divisible by 3

Print "Buzz" if N is divisible by 5

" " "fizz-Buzz" " " " " by both 3 & 5

N = 10 → Buzz,

N = 18 → fizz

N = 30 → fizz - buzz.

```
if (N%3 == 0) {
        print("Fizz");
}
else if (N%5 == 0){
        print("Buzz");
}
else if ((N%3 == 0) && (N%5==0)){
        print("fizz- Buzz");
}
```

= → Assignment, == → comparison.

```
if ((N%3 == 0) && (N%5 == 0)) {
        print("fizz- Buzz");
}
else if (N%3 == 0) {
        print("Fizz");
}
else if (N%5 == 0){
        print("Buzz");
}
```

(N%15==0)

N < 15 ⟹

15
30
45
60
75
90

Doubt

((n >= 1) && (n <= 100))