```mermaid
flowchart
```

if you are non-veg

true

false

Chicken
eggs
fish
:
:

Whey protein
pulses
Sprouts
Paneer
:
:

→ Print
→ Take input
→ data types
→ Overflow
→ Operator

if age >= 18

true

false

Yes. You can vote

No ! not this line.

✓

98.4 F

98.9
‾‾‾‾‾

98.9
‾‾‾‾‾

true   if temp >= 99   false

fever

{ 92F
  99 →
  103 →

No fever

(A)   Gangs of wasepur   > 18
                                                          ‾‾‾‾‾

true   if age >= 18   false

Watch   Can't watch

true   If SPO_2 <= 95   false

RTPCR   No need

Flowchart 1

true ← **If exp == 2** → false

Eligible for bonus $ $ $

No bonus
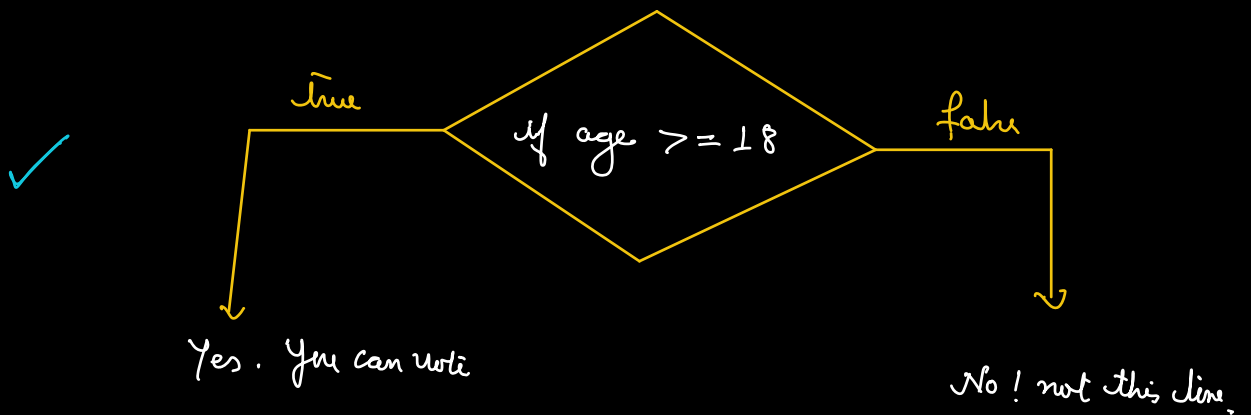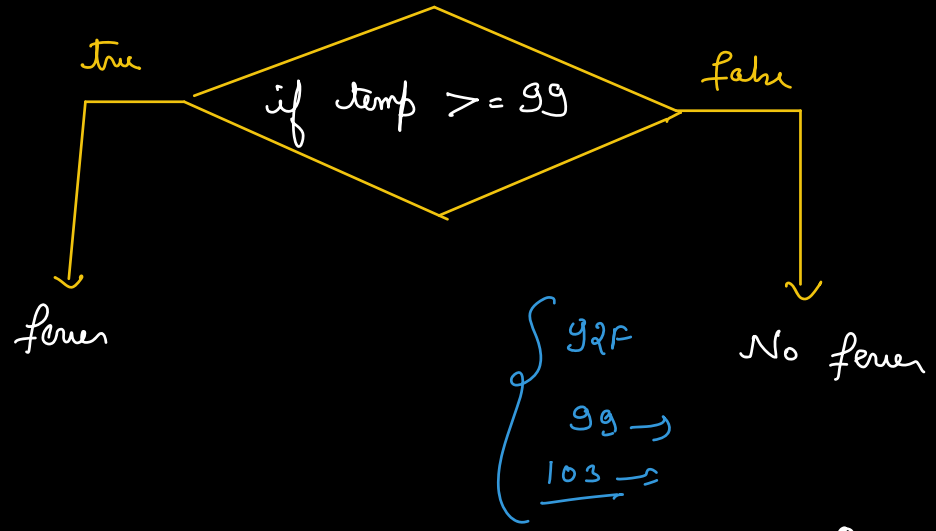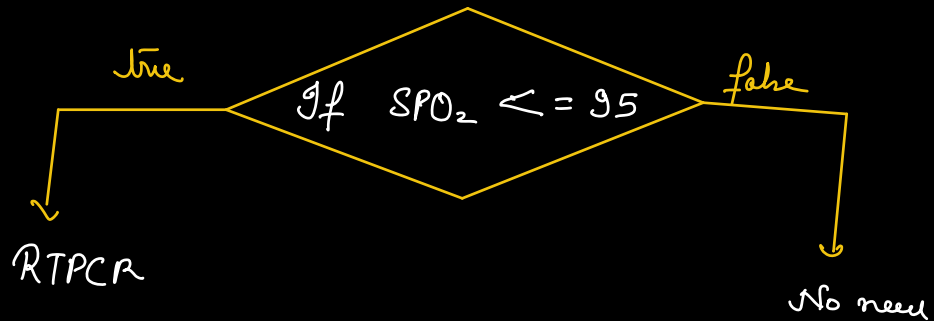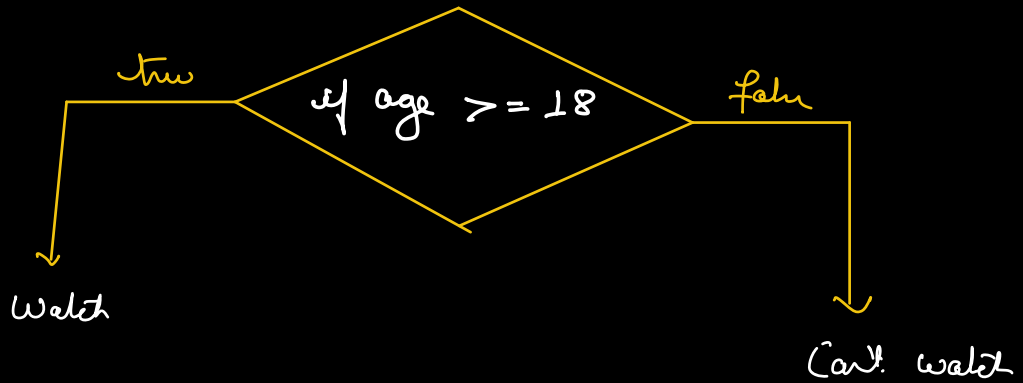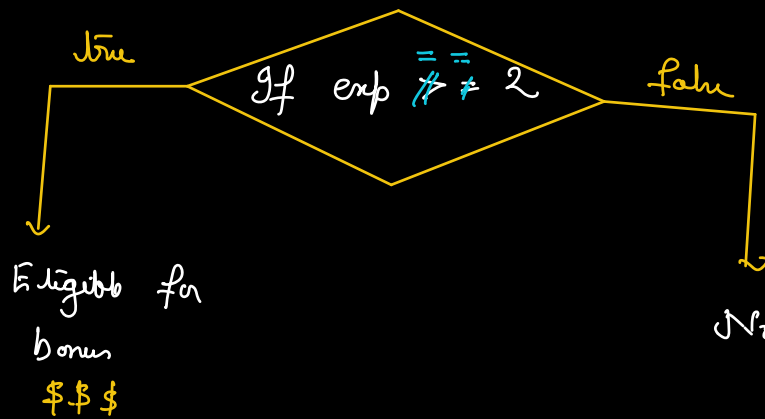
```
if ( exp == 2){
    SOP("Eligible")
}
else {
    SOP("Not
        eligible");
```

Timeline

Jan 2022 ———— Jan 2024 ———— Jan 2025

2 year

Flowchart 2
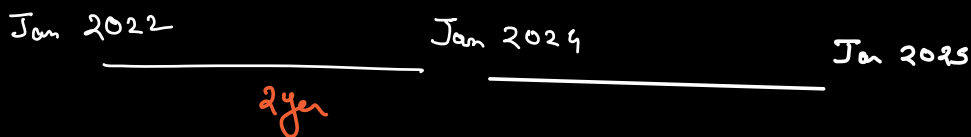
Selling price & cost price

true ← **If SP > CP** → false
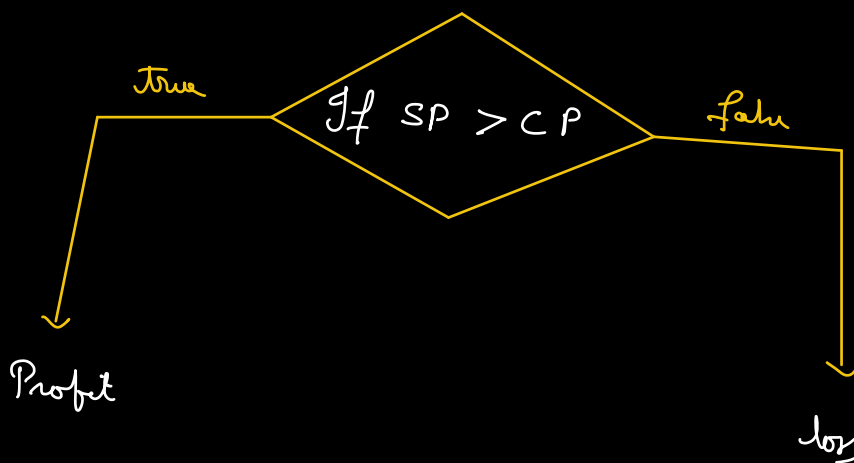
Profit

loss

```
if ( SP > CP) {
    SOP("Profit");
}
else {
    SOP("loss");
}
```

Flowchart 3

a, b
a != b ✓

true ← **if a > b** → false

a

b
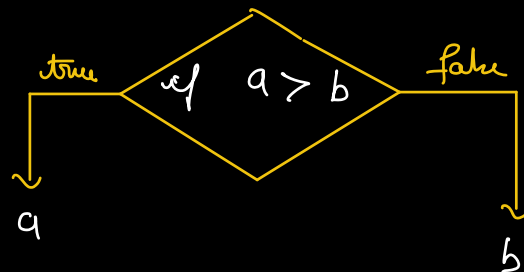
```
if ( a > b) {
    SOP(a),
}
else {
    SOP(b);
}
```

```
        T↑      ↗F
         ↖   ↗
if ( Condition ) {
    // Code to be executed if condition is true ;
}
else {
    // Code to be executed if condition is false ;
}
```

Can we write 'else' without if ?   ✗

Can we write 'if' without else ?   ✓

————————————

<u>Temp</u>

if → 98.0 − 98.8 → Normal Range

else if → 97 − 97.9 → Mild hypothermia

else if → < 97 → Hypothermia

else if → ≥ 98.9
          and < 100 → Mild fever

else if → > 100 → high fever

```
if (Condition) {
    //  ____
}
else if (Condition 2) {
    //  ____
}
else if (Condition 3) {
    //  ____
}
        ⋮
else {
    // if all of the above conditions were false.
}
```

Optional { (else block)

zebra got killed

abge bol kal

Payment

```
if ( Paytm works ){
    do payment using payTM
}

else if ( GPay work ){
    do payment using gPay
}

else if ( amazon Pay work ){
    do payment using amazon Pay
}

else {
    Pay by cash;
}
```