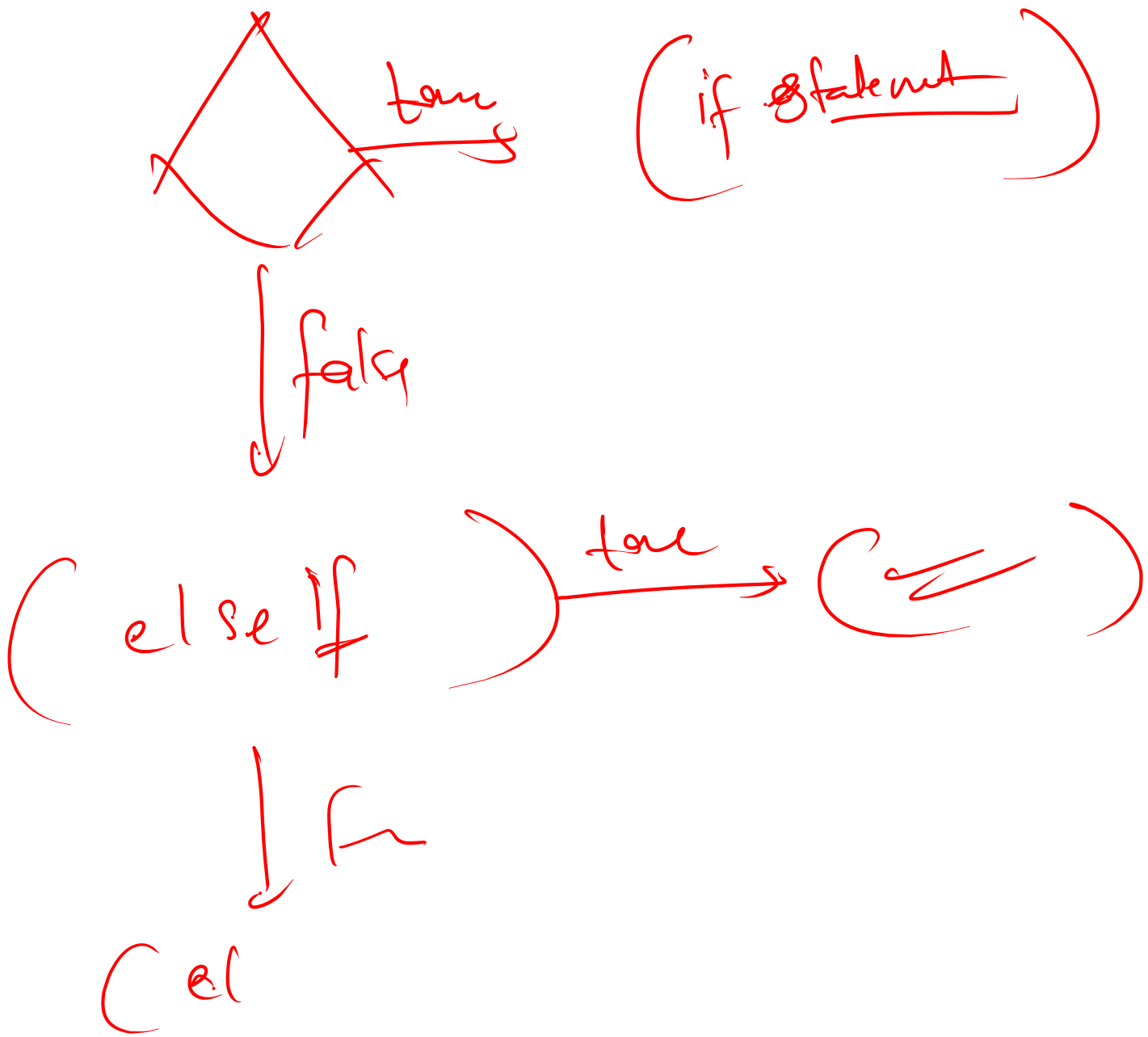
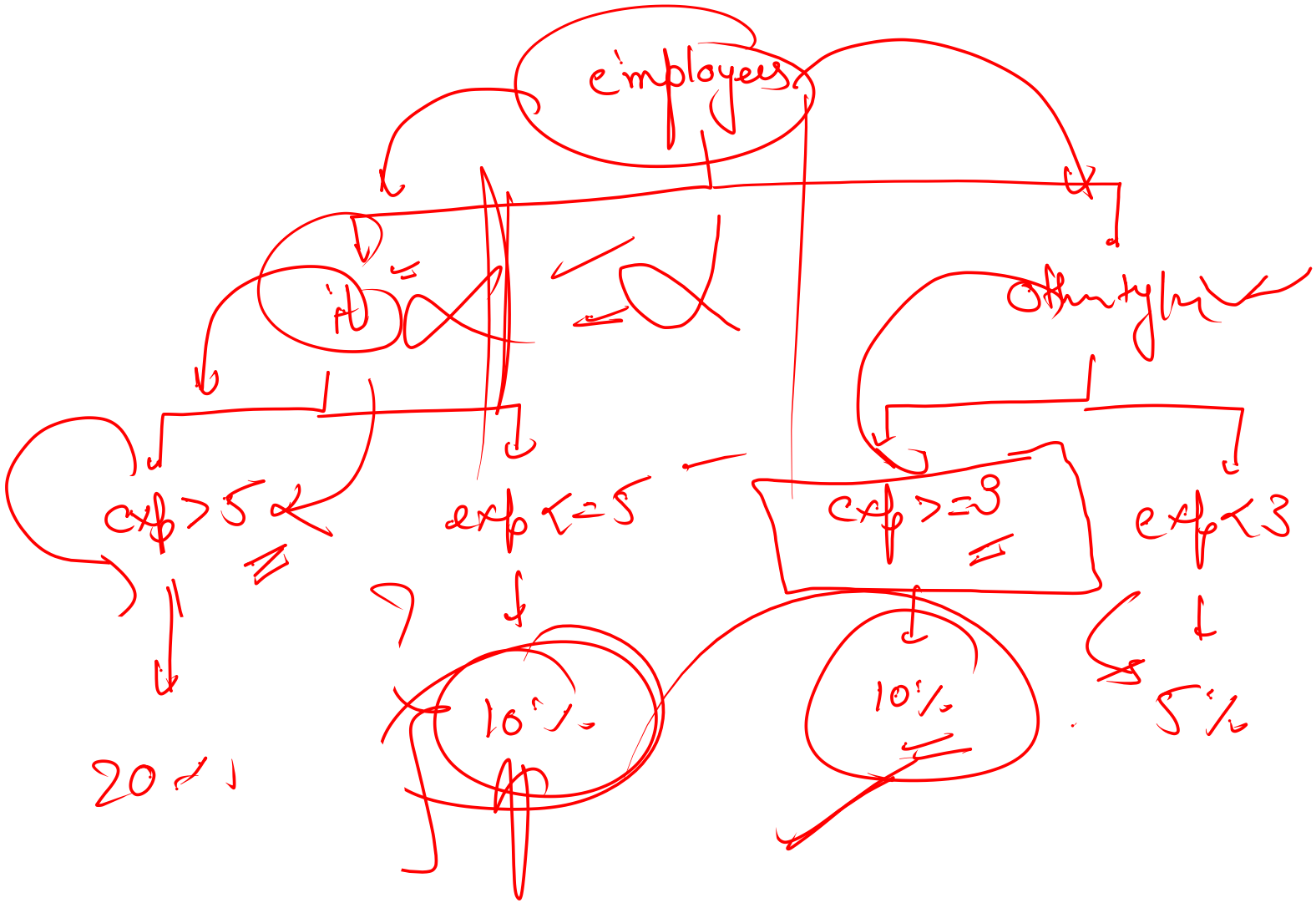
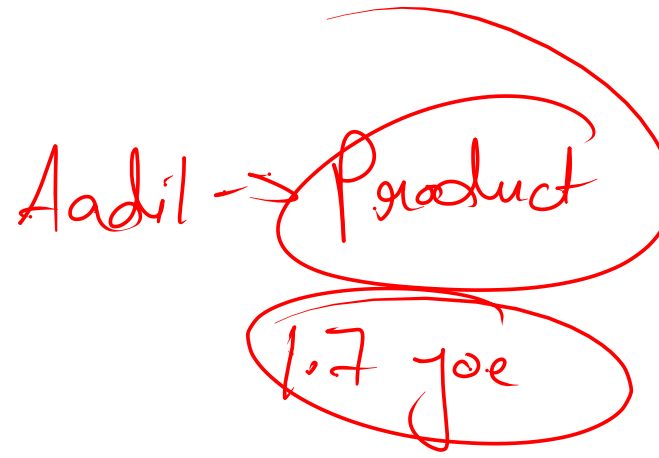
Nested if else




employees
id
exp>5
exp<=5
exp>=3
exp<3
10%
10%
5%
20%

it

↳ 2 exp


Aadil
Product
1.7 joe

A B C

if (A > B) {
  if (A > C) ⟶ A
  else ⟶ C
} else {
  if (B > C) ⟶ B
  else ⟶ C
}

AC.

C B

```java
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int a = scn.nextInt();
    int b = scn.nextInt();
    int c = scn.nextInt();

    if(a > b) {
        if(a > c) System.out.println("A");
        else System.out.println("C");
    } else {
        if(b > c) System.out.println("B");
        else System.out.println("C");
    }
}
```

Take the age and salary of a person as an integer input,

40

If the age is above 40 then

a. If the salary is greater than or equal to 30,000 then print You are rich and adult

b. Else print You are an adult

Else if age is less than or equal to 40

a. If the salary is greater than or equal to 12,000, then print You are rich and young

b. Else print You are young

??

```
if (age > 40) {
    if (salary >= 30,000) → YARAA
    else YRAA
} else {
    if (salary >= 12000) → YARAY
    else → YAY
}
```

Logical Operators — && ||

i) indian
ii) age >= 18

} allowed to vote

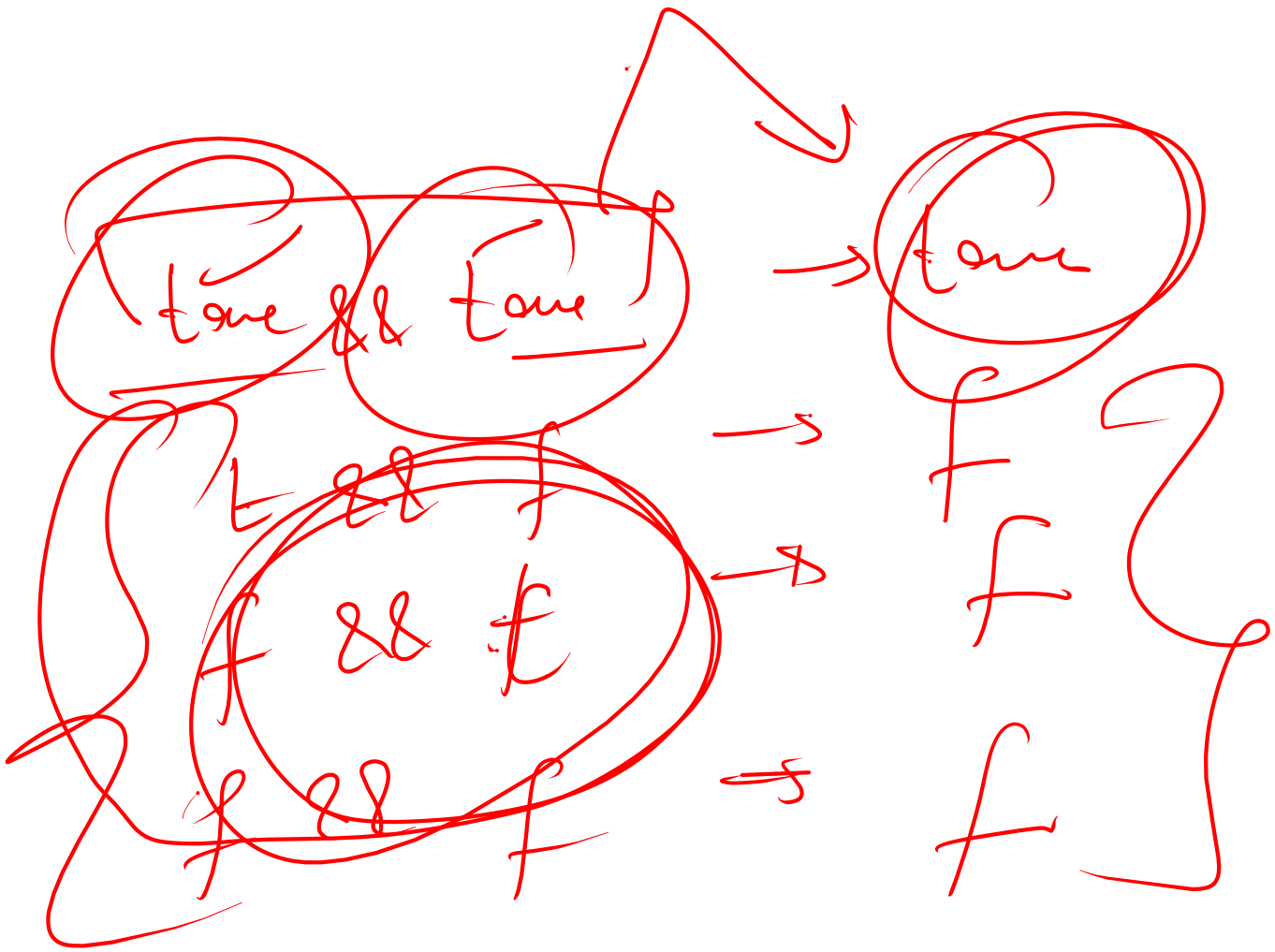
otherwise → not

Credit Card Company =

&&

Salary > 50000 =

CreditScore > 700 =



b ← b

t && t

boolean

f && t

ind

des

$$\left\{\begin{array}{l} 2+3 \\ 5+7 \\ 2.8+3.4 \end{array}\right\}$$

$(5 > 2)$ && $(7 > 9)$

t && f → false

$((7 + 2) == 9)$ && false

$9 == 9$

t && f → false

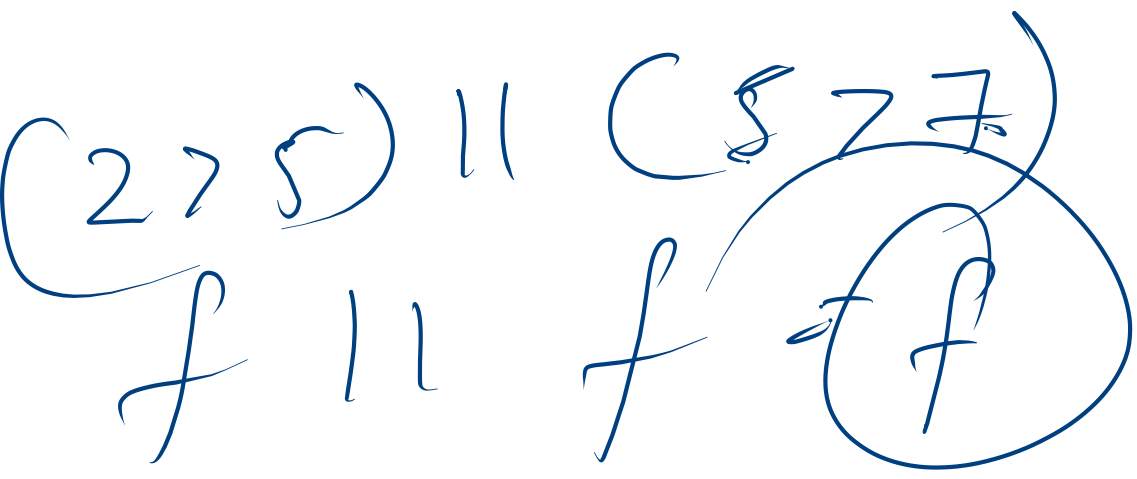
$\parallel$

$\hookrightarrow$

$t \parallel f \rightarrow t$

$(2 > 5) \parallel (5 > 7)$

$f \parallel f \rightarrow f$



A B C

(A > B) && (A < C) ⟶ A ✗

(B > A) && (B < C) ⟶ B ✗

else ⟶ C ✓

A B C

20 3018

NO A > B

A < C NO

Nested if else