Class-5 (Nested if else)

1. if else
2. ladder if else
3. nested if else

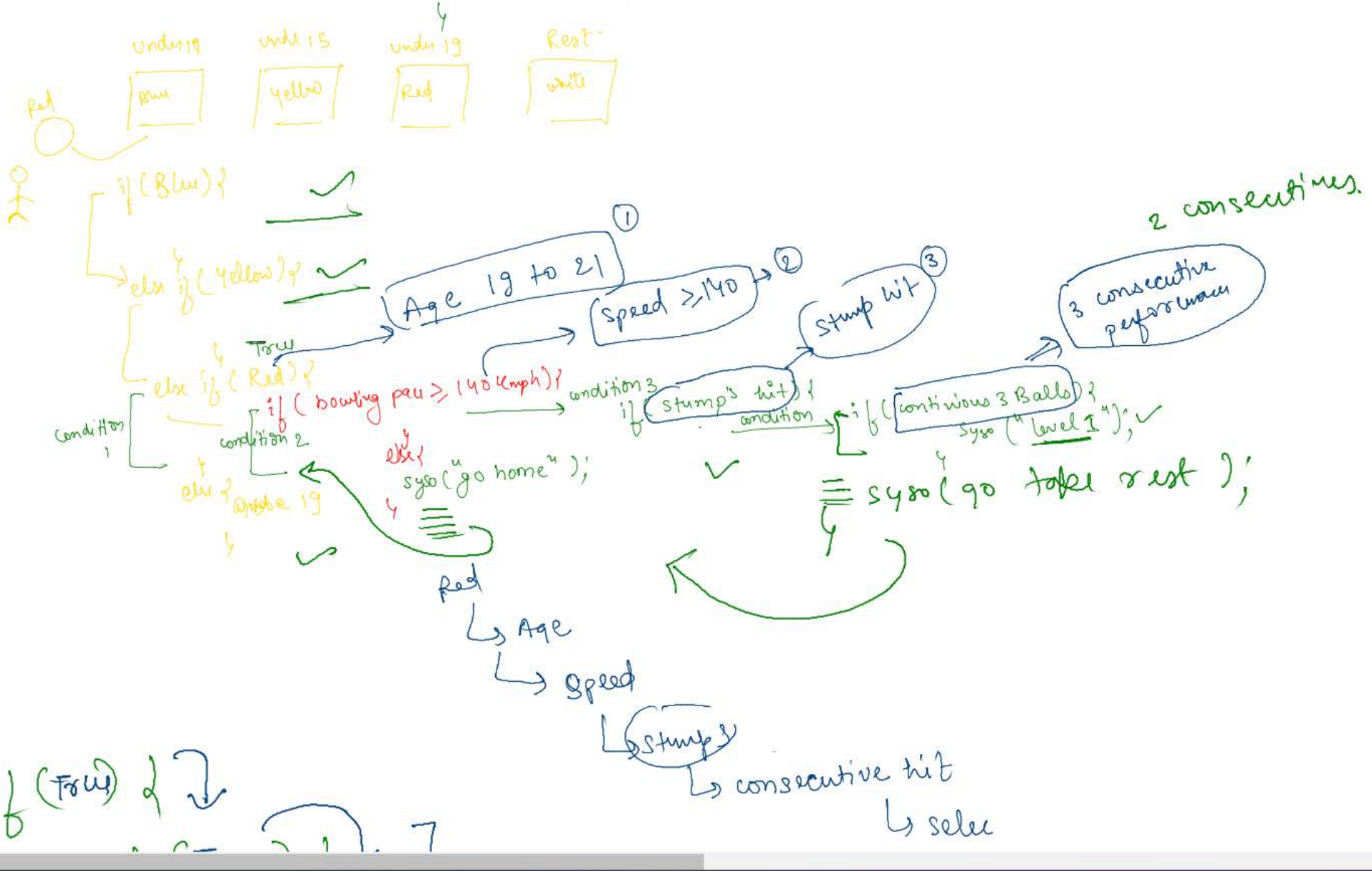
```
if (age > 18){
    ("You are adult")
}
else{
("You are teenager")
}
```

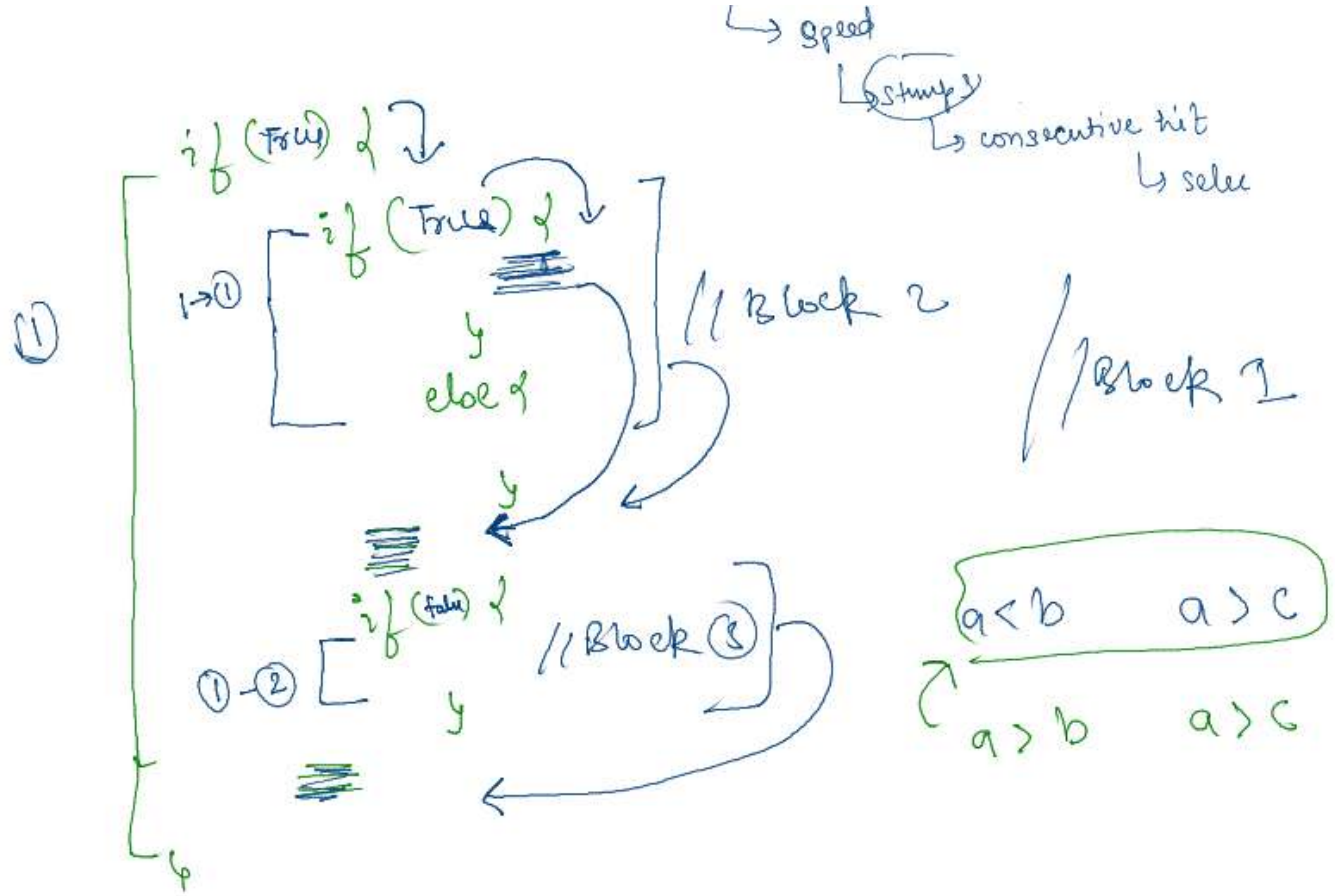
```
if (age >= 18){
    if (family allows){
        sys ("eligible");
    }
    else{
    ("not allowed")
    }
```

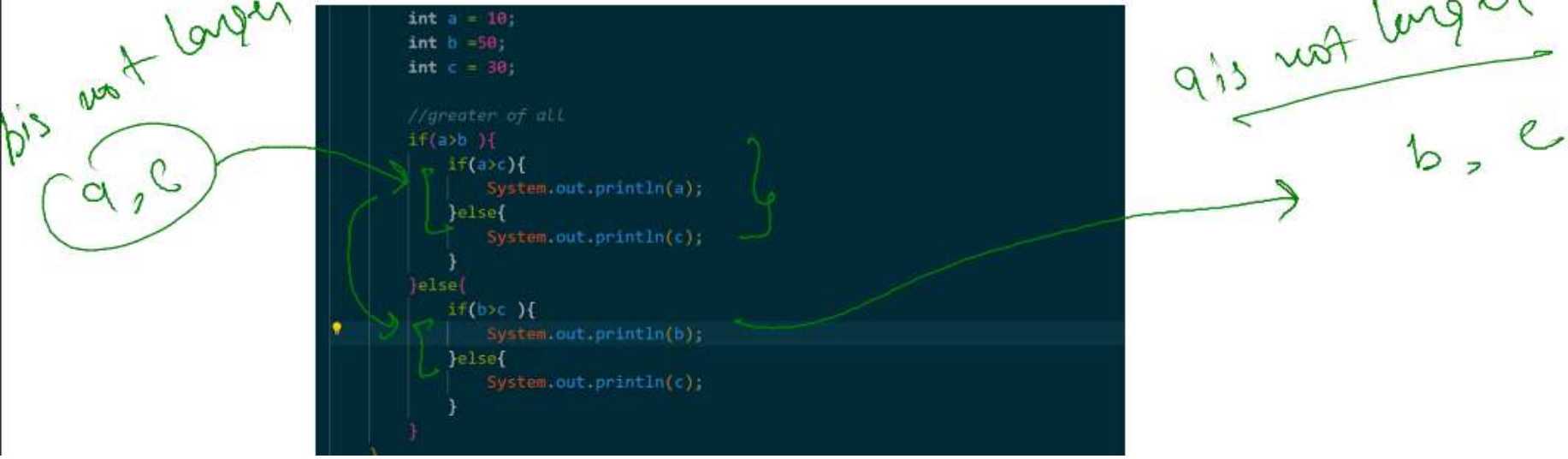
```
if (Red){
    if ("you are getting late){
        if (moving){
            Syso("have to pay money");
        }
        else{
        Sys(" You will be late");
        }
```

```
if (true){
    if (true){
        // true Block
    }
    else{
        // false Block
    }
}else{
    // false Block
}
```

```
// true
```


under 19
under 15
under 19
Rest
pink
yellow
Red
white
Red
if (Blue) {
else if (Yellow) {
else if (Red) {
Age 19 to 21
Speed ≥ 140
stump hit
3 consecutive performance
2 consecutives.
True
if (bowling pace ≥ 140 kmph) {
condition 3
if (stump's hit) {
condition
if (continuous 3 Balls) {
Syso ("Level I");
condition 2
else
syso ("go home");
syso (go take rest);
Red
Age
Speed
stump
consecutive hit
if (True) {

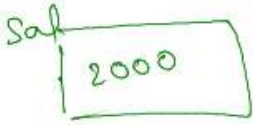


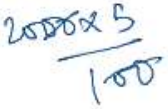



```java
int a = 10;
int b =50;
int c = 30;

//greater of all
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);
    }
}
```

```java
Scanner scn = new Scanner(System.in);
int sal = scn.nextInt();
int yrs = scn.nextInt();
if(yrs>5){
    int bonus = (sal *5)/100;
    System.out.println(bonus);
}else{
    System.out.println(0);
}
/* Enter your code here. Read input from STDIN. Print o
```





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

If the **age** is **above 40** then

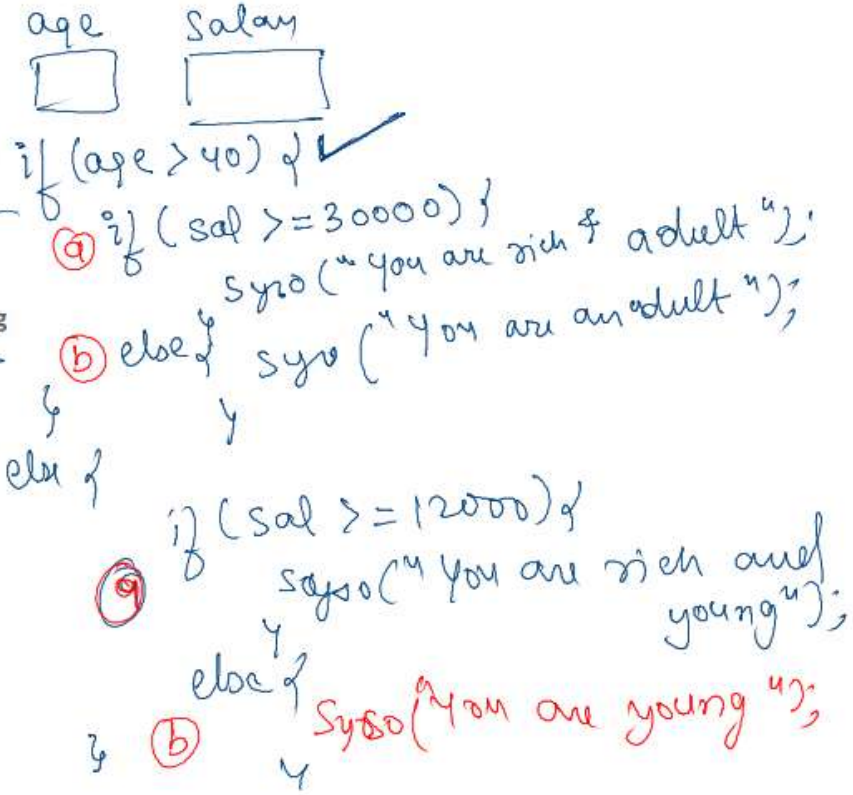
a. If the **salary is greater than or equal to 30,000** then print **You are rich and adult**

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**



Take input three numbers **x**, **y**, **z** as an integer input.

Then if the value of **x** is greater than or equal to 20,

a. If the value of **y** is greater than or equal to 100 then add 100 to the value of z.

b. If the value of **y** is less than 100 and greater than or equal to 50, then add 50 to the value of z.

c. Else add 10 to the value of z

Else if the value of **x** is less than 20,

a. If the value of **y** is greater than or equal to 100 then add 3 to the value of z.

b. If the value of **y** is less than 100 and greater than or equal to 50, then add 2 to the value of z.

c. Else add 1 to the value of z.

Print the **final value of z** as an integer output in the end.

Input Format

For each test case,