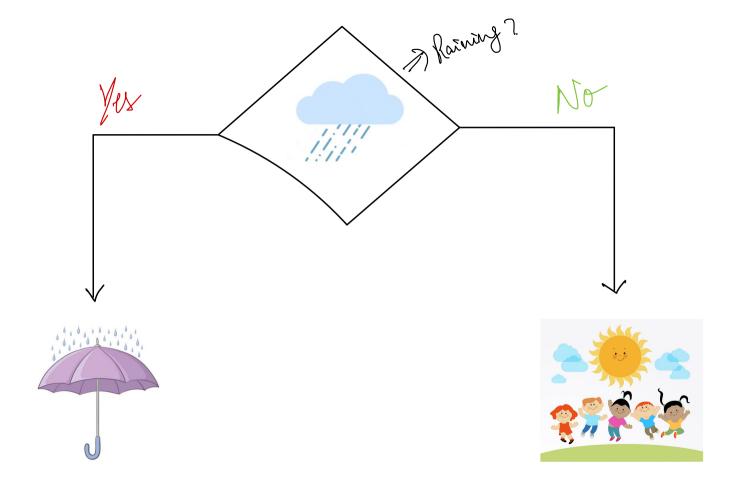
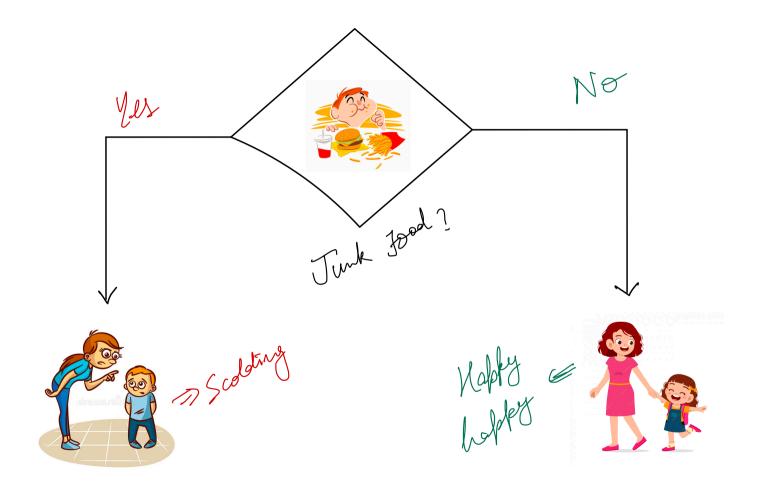


Recap

Decisions on the basis of conditions





if (__ condition_) { // runs if the condition is true; else { // runs if the condition is false

```
int marks = sc. next Int():
 if (marks > = 33) \xi
       System. out. println ("Pass!").
    System. out. frintln ("Fail!").
```

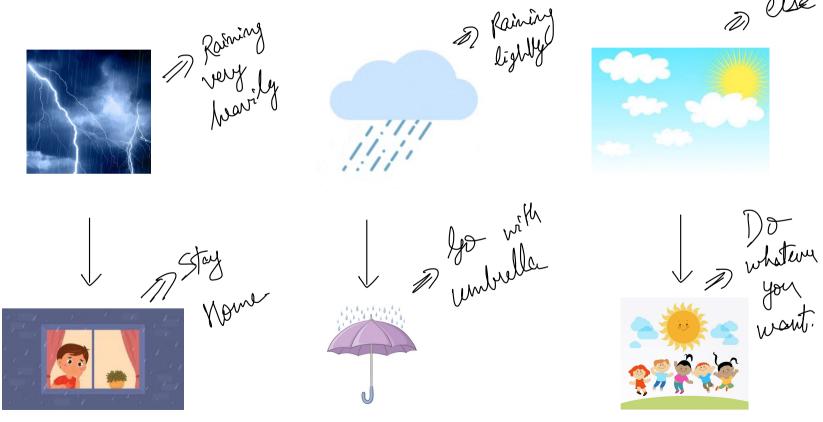
Ternary Operator

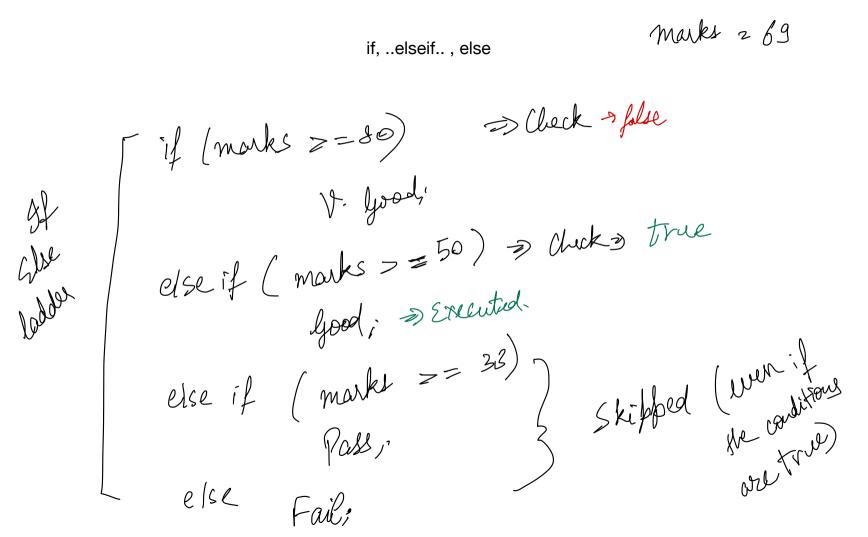
- Condition. - ? --- false true

jut marks z sc. next [ut(); bodean bassed z marks > = 33? true! false;

 $\frac{1}{2}$ char grade = marks > = 33 2. 1 p' : 'F';

What if it's not just a yes or a no thing, but different decisions in different cases?





conditional statements a bit

Practice

liver 2 integers, print the one that has larger value [Print any of them if both have some value)

Given 3 integus by a user, print the largest value out of the given 3 values. → 55

Eg. 55, 10, 42 3 60 60, 45, 45

25 21, 25, 25

What if it's not just 2-3 conditions?

Input (1-7)

if (cr)

-

((3)

else if (c4)

Switch (-) &
Case,

Case:

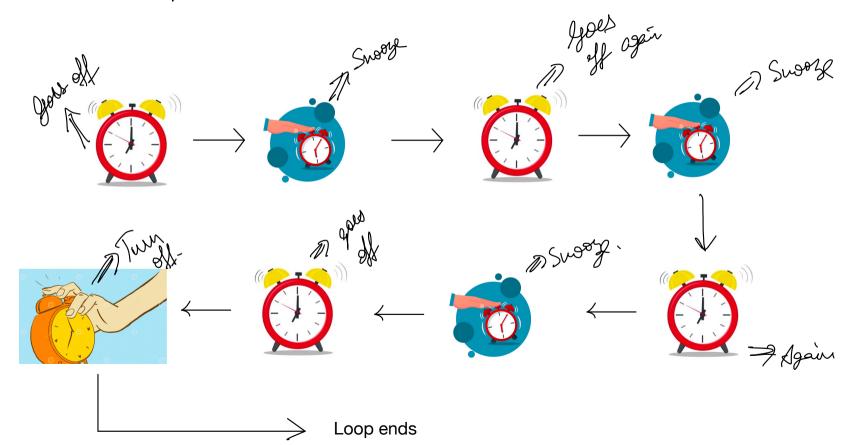
Switch syntax

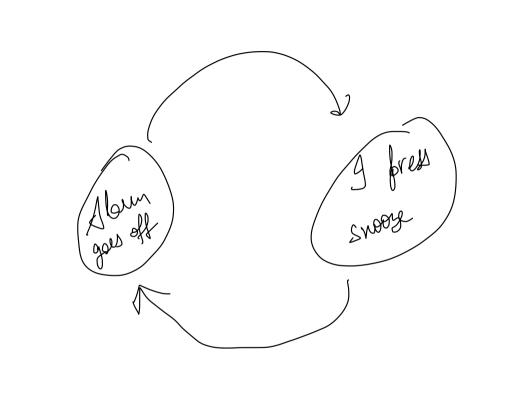
```
// you code goes here
    int someVariable = 5;
    switch (someVariable) {
case 1:
    break;
case 2:
    break;
// ... cases for other relavant values ...
default:
    // If none of the above cases match, do something here
    break;
```

a specific thing again and again, until a specific condition is satisfied.

What if we want to do

Sot an alarm claring. Waking Up on Alarm every morning





Types of Loops:

- 1. For Loop
- 2. While Loop
- 3. Do-while Loop

For Loop

for (initialization, condition, updation) &

// code to be accuted
3

System. out. println ("Practice!");
System. out. println ("Practice!");
System. out. println ("Practice!");

System. out. printly ("Practice!");

System. out. printly ("Practice!");

for (int ctr = 0; ctr < 20; ctr++) {

System. out. printly ("Practice!");

```
import java.util.Scanner;
                                                         Webinar Isv9
                                                     ctr2Q
ctr2L
ctr23
class LearnYard {
   public static void main(String[] args) {
        // you code goes here
        Scanner sc = new Scanner(System.in);
        // int num = sc.nextInt();
        for(int ctr = 0; ctr < 3; ctr++) {
            System.out.println("Practice karo!");
```

Practice for loop a bit

Take an integer input from user- (N). Print all the numbers from 1 to N in increasing order. 2 Dutput
3 Eg. N= 3