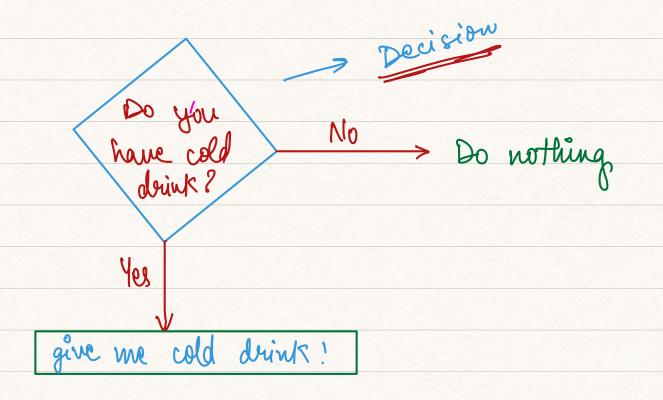
System.out.print (); -> print the text

System.out.println(); -> print and press
enter key

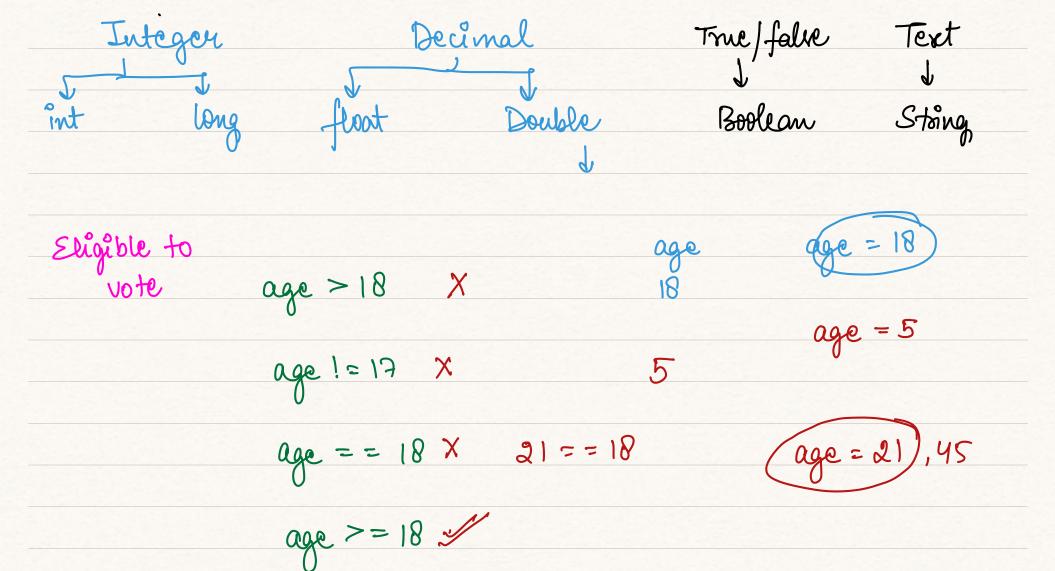
Scanner scn = new Scanner (System.in); int num = scn.next Int(); Il cold drink is available, give me cold drink.

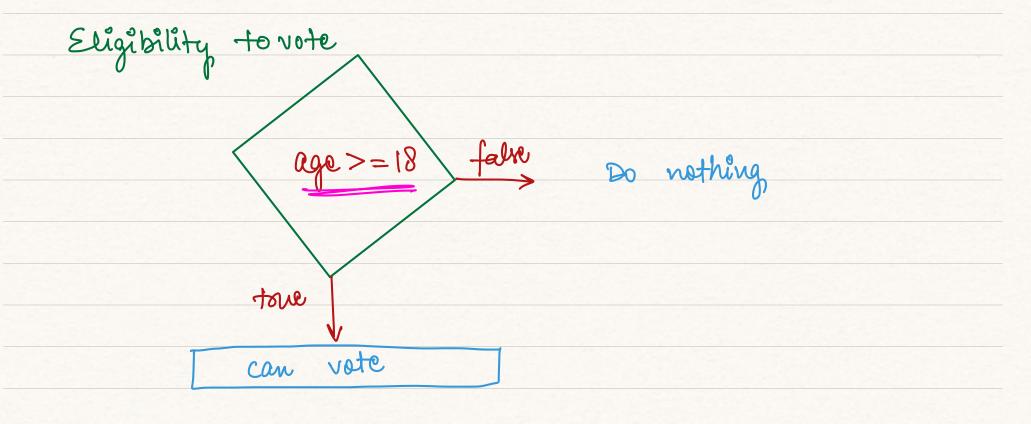


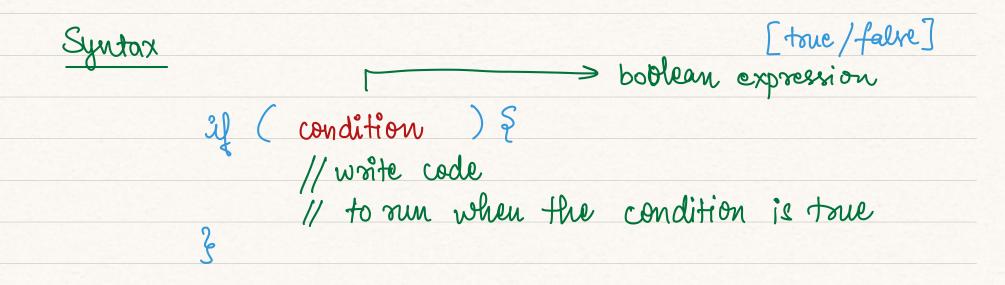
Statement with only true /false answers

Conditional statements

Dota type — Boolean







System.out.point ("You are eligible to vote");

duiz toue

$$4 = -5$$
 (false)

 $4 = -5$ (false)

 $4 + 5 = 9$
 $4 < 5$ (toue)

 $4 < 5$ (toue)

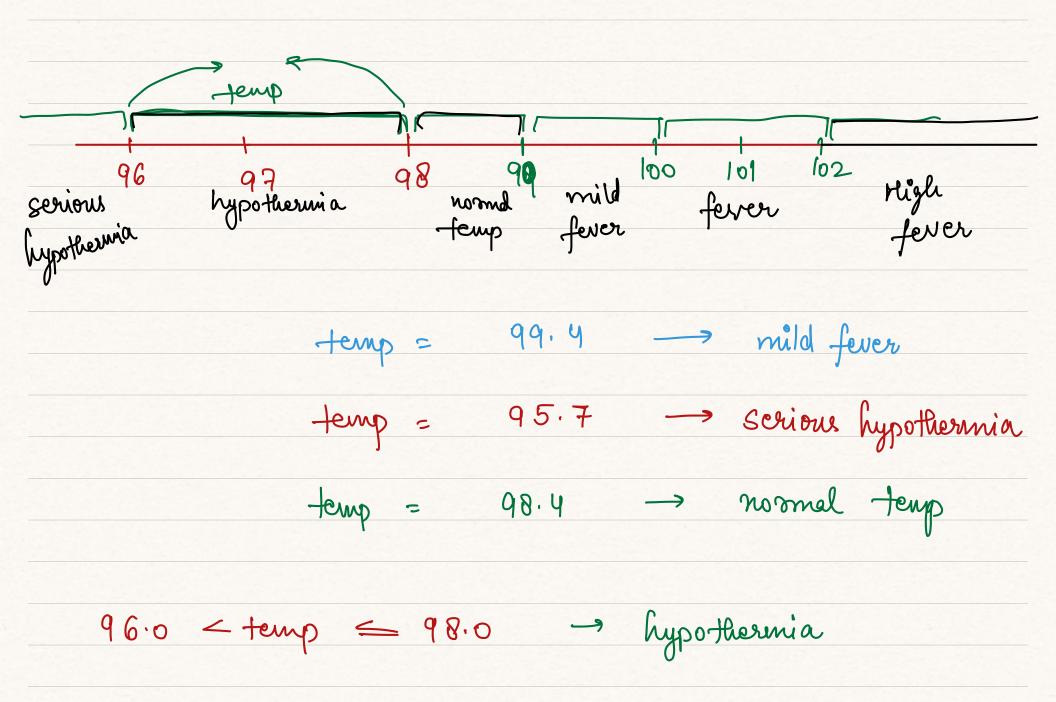
 $4 < 5$ (toue)

check whether a person has fever. Ques. temp > 98.6 falle Do nothing see a doctor

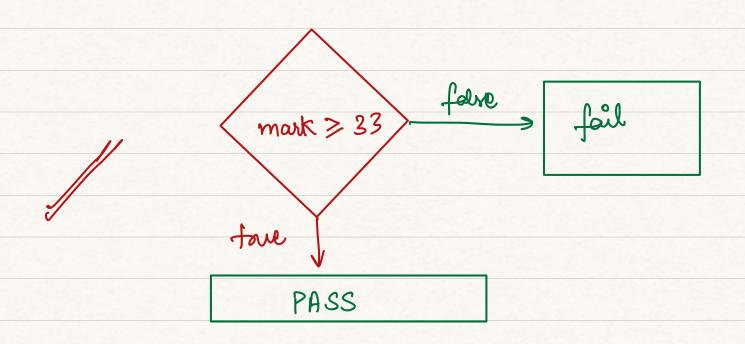
Olues. Check whether a person is pass in Matty.

marks > = 33

toue Pars

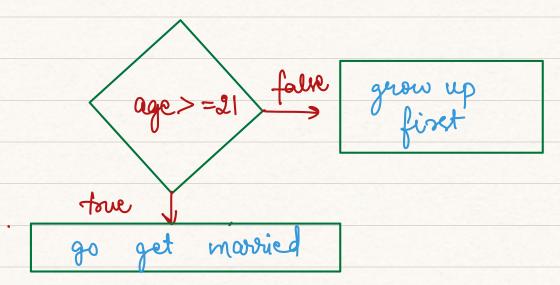


if
$$(temp > 96.0)$$
 & $(temp < = 98.0)$ & $(temp < = 98.0)$ & $(temp < = 98.0)$



if (condition) } Syntax > (toue) → 3// code to sun when condition is true
} (false) -> // code to sun when the condition
is folise if (marks >= 33) { System.out.pointlu ("Pars"); System. out. printlu ("Fail");

Ques. Check if a male person is legally eligible to



int age = scn. next Int();

if (age > = 21) & System. out. printlu ("go get Married"); else S System. out. printlu ("You are a minor");

Ques. Check if the person is "young" or "senior citizen"

(age is greater than or equals to 65)

Senior citizen

Senior toue age>=65 young

if (condition) { // toue -> Line 1
// Line 1 // false -> Line d else {
// Line 2 condition l'is false Line 2 will execute « if (condition 1) \$
// Line I if (condition 2) { // Line 2 Line 2 will execute when conditiona is true

Can "If" exist without "Else" -> Yes Can "Else" exist without an "If" -> No if (true) {

System. out. printlu ("Hey there!"); -> System. out. prointlu (10 *20); Hey there!

$$9/0 \rightarrow \text{modulus}$$
 [remainder]

14 $9/0 \rightarrow 0$ [14 is completely] $2 \rightarrow 1$

19 $9/0 \rightarrow 1$

19 $9/0 \rightarrow 1$

Even number $9/0 \rightarrow 0$
 $67 9/0 \rightarrow 1$

Ques. Check whech whole number is even or odd.

Even
$$\rightarrow$$
 0, 2, 4, 6, ----

Odd \rightarrow 1, 3, 5, 7, ----

Oues. Check whether a triangle is valid

sum of all angles of toiangle = 180°

$$A = 60$$
 $B = 60$ $C = 60$ B C

" VALID "

$$A = 40$$
 $B = 30$ $C = 50$
 $A + B + C = 120$

" NOT VALID"

720

total notes = 120 = 6

froat amount = Schnext Float ();

int note = scn. next Int ();

int total_bills = (int) (amount/note);

Rahul = N Karan = M N=50 After giving 5 apples to Karan M = 30 Now, Rahael has (N-5) apples => 45 Karan hes (M+5) apples => 35 After plucking (2*N) apples (Rahul took 100 apples) Now. Rahul has (N-5) + (2*N) =Karan has (M+5) apples of Robert = 100+45 = 145 Total Koran = 35 = (3*N-5)~ 2 *N+ N-5 (M+5) V