

Today's agenda
6 flood and double
b fload and double  b Taking infut
4 operators
b ij eue





11 Decimal > 2.2, 1.3, 4.7, 2.6 etc.
4 1 loat 1 double
ind (.6.7 decimal long (. 14-15 decimal
I boat & double bong (. 14-15 decimal Places)
-) In Integer, default value are int
-> In decimal, défault values ave double.
by boat $a = 2.46$ ;
6 float a = 2.41;
writing double
writing double by double d = 4.2;



Quiz 1:

System. out pointle (d);

QuiZ 2:

Quiz 3:

Quiz 4:

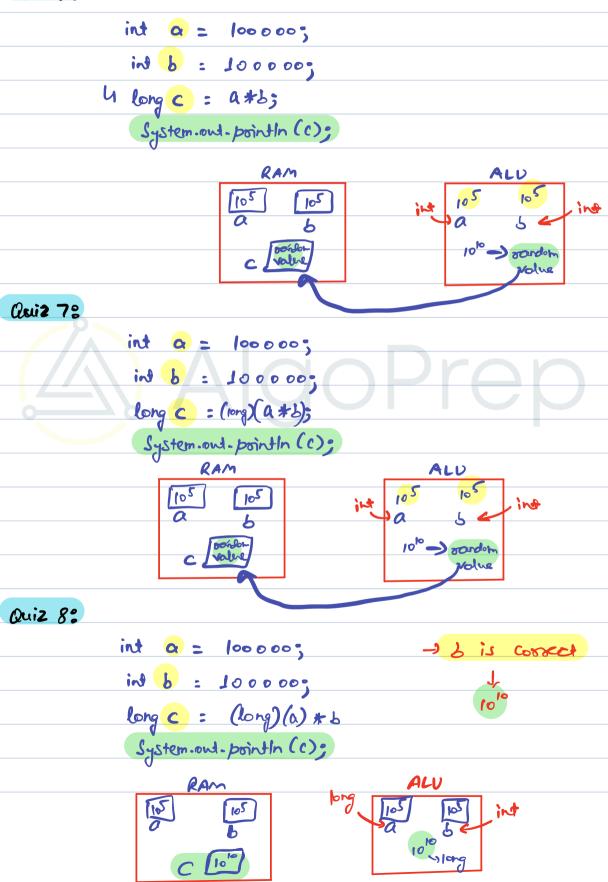


2 Golden rules of type costing
I. If there is no loss of data then no error: implicit
J. If there is no loss of data then no error: implicit  2. If there is chance for loss of data then error.  We can still do this change forcefully: emplicis (typecosting)
we can still do this change forcefully: enflicit (typecosting
float to long - works  float to double - works
bloat to double > works
long to int -> emplicit  double to float -> emplicit

## 11 oferation by Rules: Mathematical Operation between decimal and non-decimal, Resultant: Decimal La Rule 2: Oberation setween some Category but different Calacity, Resultant: Ligher Size P res int in long ind long long inst Long Qui25: int a: 100000; int b = 100000; 4 int c = axb; System.out. pointln (c), RAM: 105



## Quiz 6:





* Asithmetic	operators	
	b+,-,*,1, %	
	b 20% 3 = 2	
Quiz 9:		
9		
	System.out.pointln(16/3); -> 5	
	ALU inst	
	in 16 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
	S-33m → S	
Qui2 10:		
	System out. Pointln (25.0/3); -> 8.333.	
	•	•
	olayle 9250 30 int	
	<b>8-333.</b>	
<b>2</b> • • • • •		
Qui2 11:		
	System.out.pointln(35%3); - 8	
	b 24. 7 → {0	
	20. N -> (0 N-T)	
	x. 4 - ( 0 · · · · · · · · · · · · · · · · · ·	

Book till 9:25



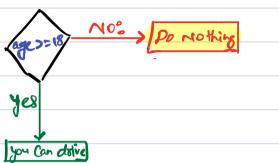
## \* Relational operators: used to check relation between 2 data en: >=, <:, > etc.

	n=8 y=10	n = 15 j=7	חבוש אניש
n less than y: n <y< td=""><td>tone</td><td>false</td><td>balse</td></y<>	tone	false	balse
n golater than y: n>y	false	toue	false
n golater than equal on >= y	folse	toue	true
n Smaller than equal	tone	false	toue
to y : 2 = y			
n equal y: n==y	Jolse	balse	tone
n not equal y: n!=y	tone	toul	false

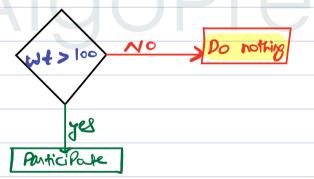


11 1

1. Check if Person is eligible for car driving license.



2. Check if Person is above looky in weight, he can particilate in weight lifting.



idea: when we want to do Something on the basis of Condition being touc.

Syntan: if (cond) { you tout to last.

(Relational or lines you want to execute if the Cond is true.

3) 4==5 10 (valid but give you fall)
b) 425 10

, age of Person a) Read a number and if Person is eligible, Point "eligible for driving licente." 11PShedo code Scanner son = new Scanner (Systemin); int age: Sch-nentInt(); if (age >= 18) { System. out. pointln ("eligible"); Qui2 12 : if (n >= 15) { System. out. point ("Hello"); Hello Hello System. out-pointln ("Hello"); Qui2 13: ind y = 25; if ( n > = 25) { Systemout frintln ("Algopreps"); if (y>: 25) 4 systemous. Pointln ("Algopoeps");



```
Ruiz [4!]

if (10>6) {

System. out. pointln (" 1st");

spole

if (15 > 25) {

System. out. pointln ("2nd");

J
```

