

Today's a	leat and double Perators
61	lost and double
	Oce Asset
	elle elle



11 Decimal -> 2.2, 31, 104, 12.2
4 ploat 1 double
(.6-7 decimal places)
double temp: 10.2;
-> Integer, default value is int.
-> decimal, default value is double.
Integer -> long temp: 10°2;
decimal -> float 1 = 2.4%;



* 2 Golden Ques of typecasting				
4) 1. If there is guaranteed no loss of data: implied en: int to long  [lost to double]				
b2- If there is a Chance for loss of data then,				
Conversion is Possible but Jorcefully. explicit				
En: long to int				
double to floor				
AlgoPrep				



Quiz 1:

> System.out.pointln(d); +2.8

Qui2 2:

Joan J= 33/j
System.oud.pointln (1)- ->3.3

Qui23:

float 1 = 3.46;

double d: 1;

- System. out-pointln(a); ~ 3.4

Qui2 4:

double d= 3.4;

> float b=d; nersor

System.out.point(1);

double d= 3.4;

~ cossect Syntam

float b= (float)d;
System.out.point(n(b);



#### 11 operation

h Rule 1: Mathematical operation between decimal and non-decimal, result: decimal

Is Rule 2: Operation between Same Category but

different Calacity, result: bigger size

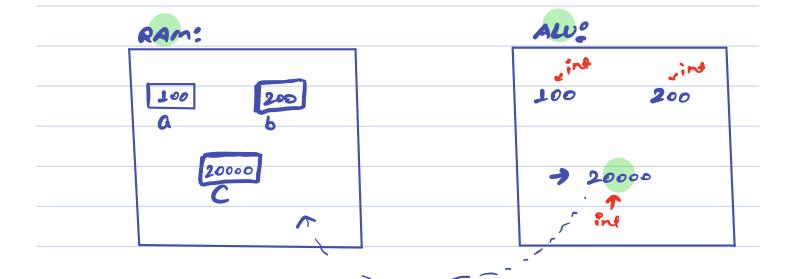
int + long - long

float + double -> double

long + double -> double

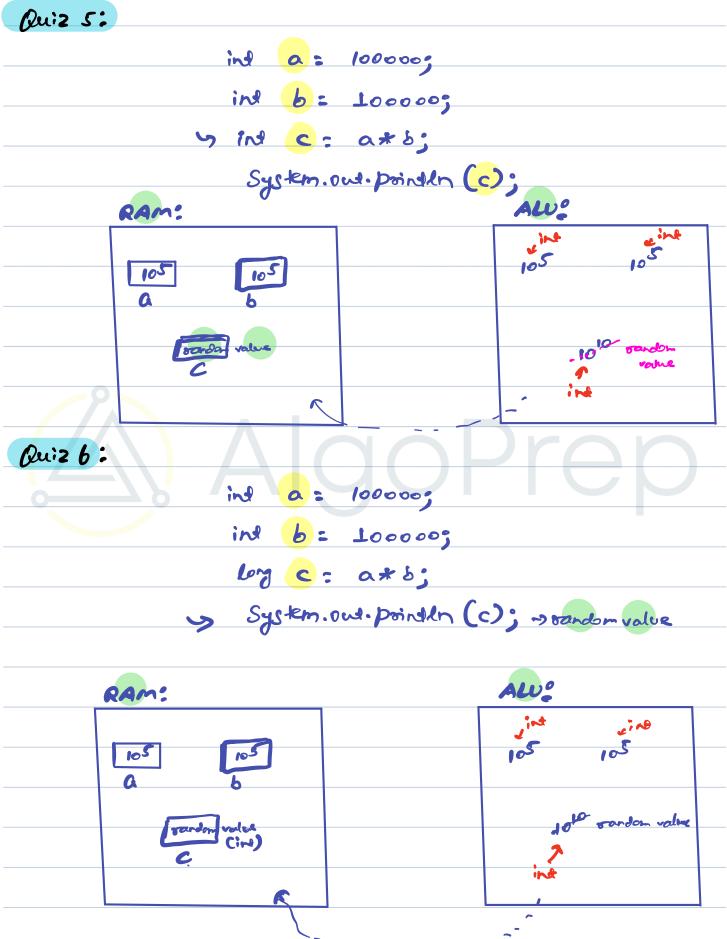
11 En: int a = 100;
int b = 200;
int c = axb;

> System.out.pointln (c); → 20000



int -> \( -2#10^3, 24 10^3 \)
long -> \( \lambda -2410^{18}, 2410^{18} \rangle \)







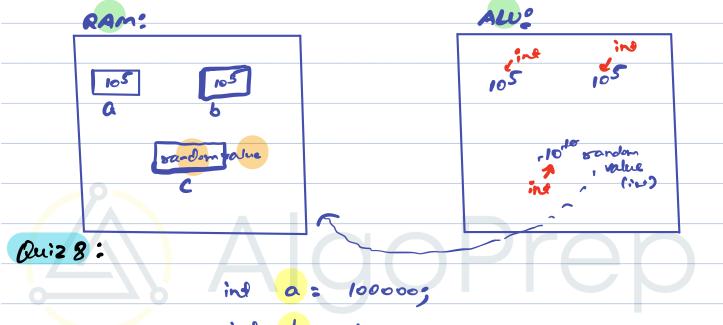
## Qui2 7:

ind a: 100000;

ind b = 100000;

4 by c: (10y) ( \* 5);

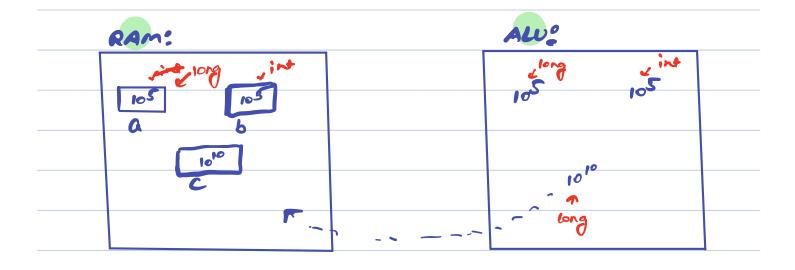
System.out. pointen (c);



ind b = 100000;

4 log c: (long)(a) \* b;

System.out. pointen (c); - 1010



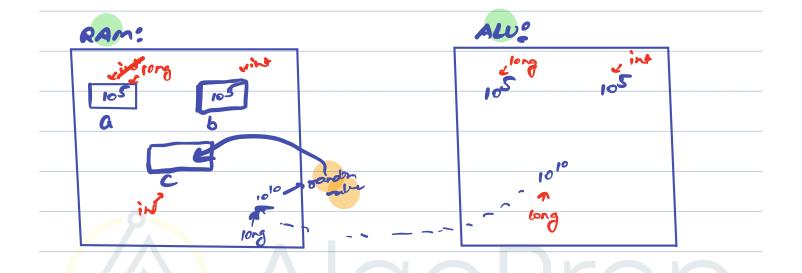


ind a: 100000;

ind b: 100000;

y ind c: (in) ((engla) \* b];

System.out.pointln (c);



## Break till 9:53 Pm



* Aboithmetic operators				
4, -, x, 1, %				
4 20% 6 = 2				
4 25 % 5 = 0				
Quiz 9:				
System.out.pointln(16/3);				
ALU  16 3 int				
5 - 5-232				
;,3				
Quiz 10:				
System.out. pointln (250);				
25.0 3				
8.333~~				
8.333				
Qui2 11:				
System.out.pointln (35 7.9); -> 8				

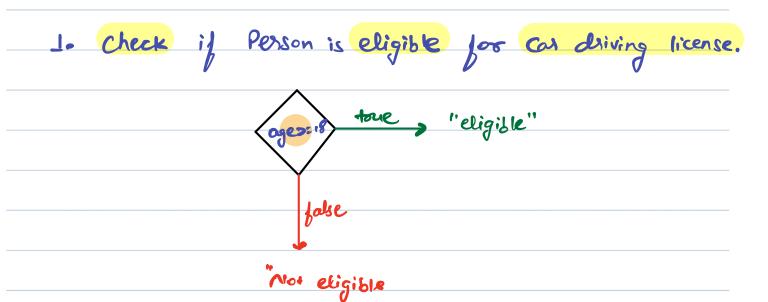
# \* Relational operators -> used to check relation between en: >,>=,== ex. 2 data.

	21=10 g=10	reis yet	אבוש אבוש	
n less than y: n <y< td=""><td>т</td><td>3</td><td>3</td></y<>	т	3	3	
n greater than y:n>y	<b>3</b>	7	3	
n golates than equal: no=y	3	ナ	T	
n Smaller than equal to y: nesy		Dra	1	
n equal y:	3	3	1	
not equal y	T	T	3	

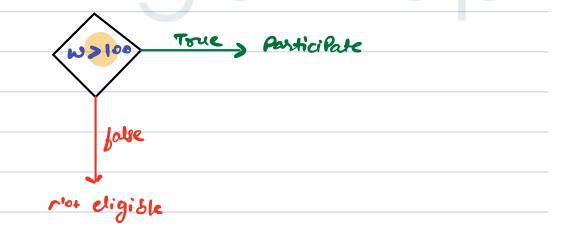
### Conditional Statement



## 11 1







idea: When we want to do something on the basis of Condition being true.



```
Read a number (age of Person), if Person is eligible to get driving license Point "eligible" otherwise don't do anything
```



Qui2 12:

Rui 2 13:

int 
$$y = 20$$
;

int  $y = 25$ ;

int  $y = 25$ ;

int  $y = 25$ ;

if  $(x > = 25)$ ?

So  $p$  ("Algoraters);

Algoraters

3

So  $p$  (Algoraters);

Algoraters



Qui2 15: ind ness; Second 122 -> S. O. p (n+y);