

Today's agenda
travizzes and learnings
//// Alappran
EN AIGUITO

Quiz1:

Syntam to declare the variable?

a) type variable_name = value;

b) variable_name type = value;

c) variable_name = value;

d) None of the above;

dui2 2:

4 Declare an int valiable with name y and value 20?

Quiz 3:

int a: 10;

int b: 20;

System.out. Pointln (a+b); $\rightarrow 30$



Quiz 4:	3 Corse 727		
	int a: 20; int b: 30; "20" + 8 => 20 30		
	ind b = 30°, 20 + 8 9 20 30		
	System.out. pointln (a + " " + b);		
Qui 2 5:	er Case Sensitive		
	int temp = 10;		
	System.out. pointln (Temp);		
	Genor		
Qui26:	AlgoPrep		
0 8	→ System.out. point ln (a);		
	int a: 10;		
Quiz 7:			
	int a: 20; 20		
	-) int a = 30; -) exor		
	System.out. pointln (a);		
	S TO THOMP ON THE STATE OF THE		



Quiz 8:		40
	int n= 20;	
	System.out. point (n);	*
	n=40;	
	System.out. pointln (n)	
	2040	
Qui 2 9 %		
	ind a=10;	530
	int b: 20	<u> </u>
	→ a = b + 30°	20
	int b = 20 solution aligned olution A = b + 30 g System.out. point ln (a)	
9	1	9



* variable naming	hules:
1. Name C	an Contain bowercase, uppercase or digits logs.
2. First	letter of the variable name Can't be
Rese	we reserve words as variable name. Exved words? words which are bredefined Tava. en: Public, Static, void, intete-



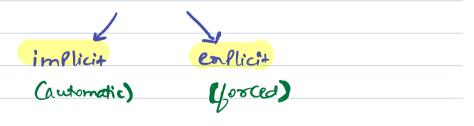
Qui2 10: ind = 10; 4 =) and=1 int 1y: 20; xx ind yab: 30; xx @ not allowed by How many of above are correct variable names. Qui2 11: int -y=10; W int ma: 20; 7x int 4\$2:459 6 How many of above are correct variable names. Qui212: ind Static: bo; System.out. pointln (static); Genos



* Different Categories of data b) Tent c) boolean a) Number tous Jalse decimal Integers 13 byle Bhanu Postal touck Service 4 Short h int b long 0000000 0 00000 00 0000 (25 kg) (50 kg) (100 kg) (10kg) item Wiseal) W 75kg > XX XX -27 to 27-1: 1-128, 1273 byte -2'5 to 2'5-1: 4-32768, 327673 16 Short int -262 to 263-1! < ---, ... 364 long GEnact enflanation of how we got this range is in BITS Class.









ens:	int no 100;
	long y: n; -> implicit
en2:	long on: 1000
	long n: 1000; in y: (in)n; → enplich
	affron
ind : -231	to 231-1 -2 (-2 *109 to 2 * 109)
long: -2 ⁶²	to 263-1 -> (-2x10'8 to 2x10'8)
0	Manuran
	AIGULICE



Qui2133		
	int a= 100009	P
	long be as -simplicit	b > 104
	System. out. pointln (6);	
Qui2 14:		Q1 to Sto
	long n: 100000;	en Pilch typecash
	long n= 100000; ind y: n; -> emplicin	a int y = (int) m;
	System.out. pointln (y);	
19	Geros	
		ron
Qui215:	AIGOP	IED
	long a: Jo'L;	long
	int be (int) a:	ابر
	System.out. pointln (b);	
	System.out. pointlin (b)	
	Grandom v	alue



```
awiz16:
                  infut: 30
                Scanner Scn = new scanner (system.in); -evor
                      int n = sch-nent Int();
                     System.out. pointln (2);
Qui2 17:
                infut: 30
           Scanner Scn = new Scanner (system.in); -exor
                  int n = sch.nent Int();
                 System.out.pointln(n);
Qui2 17:
               inPut: 30
           Scanner scn = new Scanner Gystemin);
                  int n = sch-nent Int();
                 System.out. pointle (2);
                              6 30
```



infut: 24 30	
Scanner Son = new Scanner (Gystem.in);	
int n = sch-nent Int();	24
inty = schinent Int();	30
System.out.pointln(n);	$\overline{\mathcal{J}}$
L 24	
MADODIC	n
EN AIGOITE	