1) Assignment Peoblems
1) Assignment Problems 2) AGENDANCE _ Live lecture 3 Recording
Recording
public static void main () L
System.out.peint ("Hello Would")
y Hello World
public static void main () K
System.out.peint (1999)
y
· System > system >
system. Out. print (10)
· System. out. plint (5*10) 50
System. out. peint ("5*10") 5*10
11 11 11 11 11 11 11 11 11 11 11 11 11
" " -> this is a string / sentence

· System. out. pein	t (5+10)	15
· System.out.peint		-5
· System.out.peint		50
· System.out.plint		2_
15 -5 50		
· System.out.plint	ly (5 + 10)	15
· System.out.peint		-5
· System.out.peint		50
· System.out.peintl		2_
System. out . peintle System. out . peintle System. out . peintle System. out . peint	("Blue") ("Green")	
System.out.peint	("Yellow")	

Red -> Blue Green

- Yellon
• Comments
COMMENCE
1/ This code helps me add 2 numbers
/ *
this is
Prus y
autiline consent
moltiline comment */
/
System.out.peint (5+20) 25 System.out.peint ("ele"+"phant") elephant
System. out. peint ("ele"+"phant") elephant
concatenation
Concatenation Put one after the other
System. out. peint ("Sachin" + "Ranesh" + "Tendulkar") Sachin Ramesh Tendulkar
Jachin Kamesh lendulkal

Number is considered as steing.

System. out. peint (1+2+ "Oscar")

12 Oscal 3 Oscal

System. out. peint C 1+2+ "Oscar"+5+2) 3 + "Osca" + 5+2 "3 Oscar" + 5 + 2 "3 Oscar 5" + 2 "3 Oscar 52"

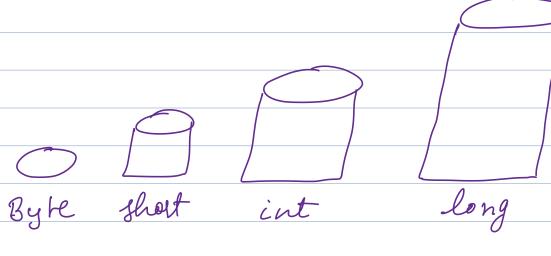
> 7+1+"156" 8 + "156" "8156"

"156"+7 +1 "1567" 41 "15671"

back at 10:05 · Data types Data types Non-plimitive Primitive strings int float long user-defined double booleon

· Numeric data types





sije 1 2 4 8

int
$$\Rightarrow -2^{31}$$
 to $2^{31}-1$
-109 to 109

$$\log \Rightarrow -2^{63} + 0 \quad 2^{63} -1$$

$$-10^{18} + 0 \quad 10^{18}$$

2) Decimal 1) Float 6-2 deumal places

double 15 decimal places

1 Type casting

int smaller

than long



int -> long

long -> int

Type cost from smaller datatybe to bigger datatype

• int $\kappa = 5$

long y = 2c

plint (y)

5

· long n = 10000000000000000

int y = x

,

Error: Possibly lossy conversion

• long x = 1000

int y = (int) re

explicit type casting

Inputs in java Scanner Scn = new Scanner (System. in); int x = scn. nextInt(); double y = scn. nent Double (); String s= scn. nent (); // take I word String s = scn. nent line();

// Read the whole sentence Of Take 2 names X 24 as input & plint "X loves 4" X = Ram Y = Shyam Ram loves Shyam Scannel son = new Scanner (System.in) String n = sononent! String y = scn. nent() plint (se + " loves " + y)

Or Take × (string) & y(int) Print & age is y X = "Aunaw" Y = 33 Alnar age is 33 J'cannel son = new Scommer (System.in) Steing n = scnonent1) int y = scn. nent Int () plint (>e + " age is " + y) 2 hls to 2.5 hls 11 PM 11:30 PM