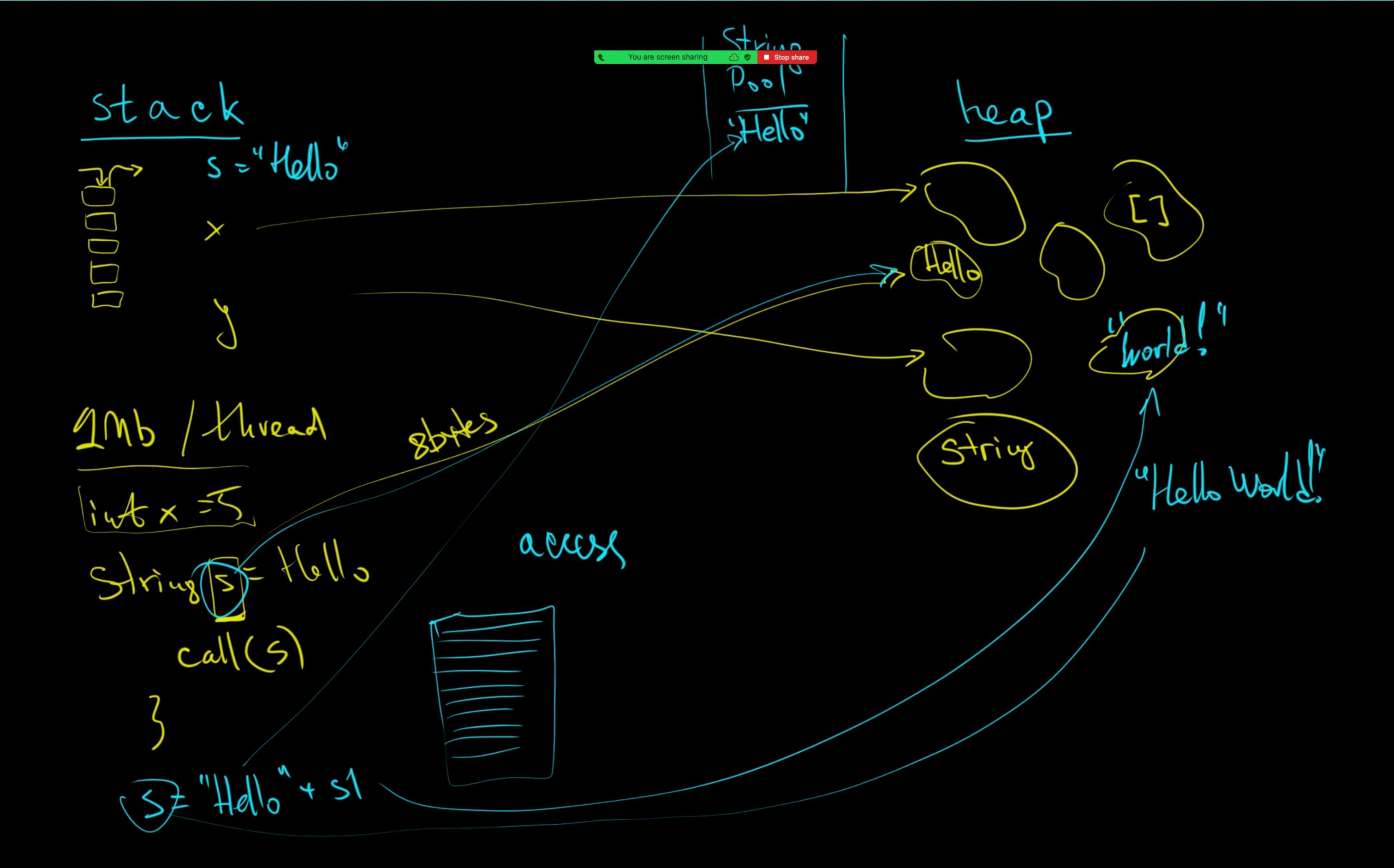
String - ret String = char[] Hello +1 (1) Java's String Immutable "Hello 1" concat contains is Empty "Help" . Substrino oreplance



Dec I	Hx (Oct (Char		Dec	Нх	Oct	Html	Cr	nr	Dec	Ηλ	•	ou are scre	en sharin	g 🙆	0	Stop share	Html (Chr_
				(null)				<u></u> 432;		ace					, ,				« # 96;	
1	1 0	01	OH	start of heading)	33	21	041	!	!	۱ I	65	41	101		5 / A		61	141	<u></u> %#97;	≯ a
2	2 0	02	šΤΧ	start of text)	34	22	042	 4 ;	"	/ /	66	42	102	t	5 ; B	98	62	142	b	b
3	3 0	103 I	XTX	end of text)	35	23	043	# ;	#		67	43	103	°	7); C				·	_
4	4 0	104 I	T02	end of transmission)	36	24	044	\$	ş		68	44	104	D	; Þ	100	64	144	d	; d
5	5 0	105 I	CNQ	enquiry)	37	25	045	%	*		69	45	105	E	; I	101	65	145	e	; e
6	6 0	106	ACK	acknowledge)	38	26	046	&	€.		70	46	106	(); I	102	66	146	e#102	; f
7	7 0	107 I	BEL	(bell)	39	27	047	' <mark>;</mark>	•		71	47	107	 .	.; 6	103	67	147	e#103	; g
8	8 0	10 I	35	(backspace)	40	28	050	(- (72	48	110	:	2; H	104	68	150	e#104	; h
9	9 0	11 7	TAB	(horizontal tab)	41	29	051))		73	49	111	:	3; 1	105	69	151	. i	; i
10 .	A 0	12 1	F	NL line feed, new line)	42	2 A	052	Z;	*		74	44	112	e#7	1; 🐧	106	6A	152	j	; j
11	B 0	13 \	/T ((vertical tab)	43	2B	053	 3 ;	+		75	4B	113	6#7	5; K	107	6B	153	k	k
12	C O	14	FF	NP form feed, new page)	44	2C	054	 <mark>4;</mark>	1	. 1				_		_			! l	
13	D O	15 (IR ((carriage return)	45	2D	055	 5 ;	-										m	
14	E 0	16	30	shift out)	46	2E	056	.)		ノ	78	4E	116	e#78	3; N	110	6E	156	n	n
15	F O	17 :	šI (shift in)	47	2F	057	6#47											%#111	
16 1	0 0	20 I)LE	data link escape)	48	30	060	a#48;	0	(· p	
17 1	1 0	21 I)C1	device control 1)				 9 ;											. q	
18 1	2 0	122 I	C2	device control 2)				2											r	
19 1	3 0	123 I)C3	device control 3)				3											s	
20 1	4 0	124 I)C4	device control 4)				4		١									! t	
			The same of the sa	negative acknowledge)	53	35	065	5 <mark>;</mark>	5	\									u	
22 1	6 Q	26	SYN	synchronous idle)				 4 ;											v	
				end of trans. block)				 5 ;											w	
				cancel)				 6 ;								1			e#120	
25 1	9 0	31 I	M	end of medium)				9	\rightarrow										. y	
26 1.	A O	32	SUB	substitute)	58	ЗА	072	:	(:)							/			e#122	
27 1	B 0	133 I	CSC	(escape)				;							_				{	
28 1	C O	34	TS	file separator)	60	3C	074	<	<	\	92	5C	134	\		124	70	174	. %#124	!; \
29 1	D O	35 (SS	group separator)	61	ЗD	075	=	=		93	5D	135]	3;]	125	7D	175	}	}
30 1	E 0	36 I	RS	record separator)	62	ЗE	076	>	>		94	5E	136	& # 94	1; ^	126	7E	176	~	~
31 1				unit separator)				? ;	١.	/	95	5F	137	 !	5;	127	7F	177		- DF

ASCIT

1 byte

2-bytes

И	1048	048	CAPITAL LETTER I
Й	1049	0419	CAPITAL LETTER SHORT I
К	1050	041A	CAPITAL LETTER KA
Л	1051	041B	CAPITAL LETTER EL
М	1052	041C	CAPITAL LETTER EM



```
Stop share
3 \frac{1}{6} + 6 + 4 = 16 \frac{1}{6} = 16 \frac{1}{6}
```

216 = 65536

[[224, 164, 168], [224, 164, 174], [224, 164, 184], [224, 165, 141], [224, 164, 164], [224, 165, 135]]
[[80, A4, A8], [80, A4, A8], [80, A4, B8], [80, A5, 8D], [80, A4, A4], [80, A5, 87]]
[[11100000, 10100100, 10101000], [11100000, 10100100, 10101110], [11100000, 10100100], [11100000, 10100101],

content: `Привет`

length: 6 bytes length: 12

bytes per char:2

bytes decimal: [[208, 159], [209, 128], [208, 184], [208, 1

bytes hex: [[D0, 9F], [D1, 80], [D0, B8], [D0, B2], [D0

bytes bin: [[11010000, 10011111], [11010001, 10000000],

2 byte=16bit 11 bits 211 = 2048

Symbol & byte

content:

length:
8

bytes length: 16

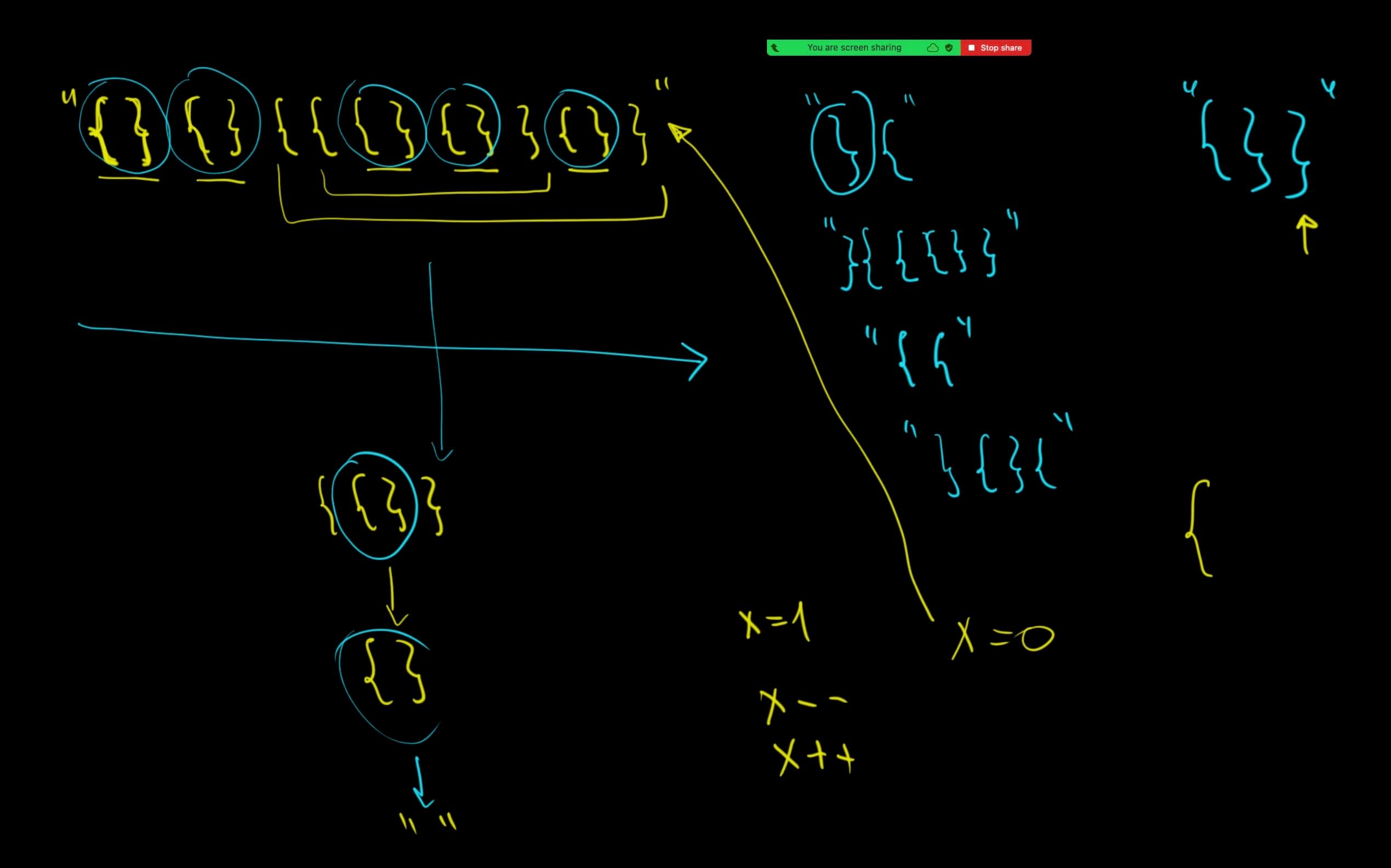
bytes per char:4

bytes decimal: [[240, 159, 152, 128]], [240, 159, 164, 170], [240, 159, 152, 144], [240, 159, 153, 1

bytes hex: [[F0, 9F, 98, 80], [F0, 9F, A4, AA], [F0, 9F, 98, 90], [F0, 9F, 99, 84]]

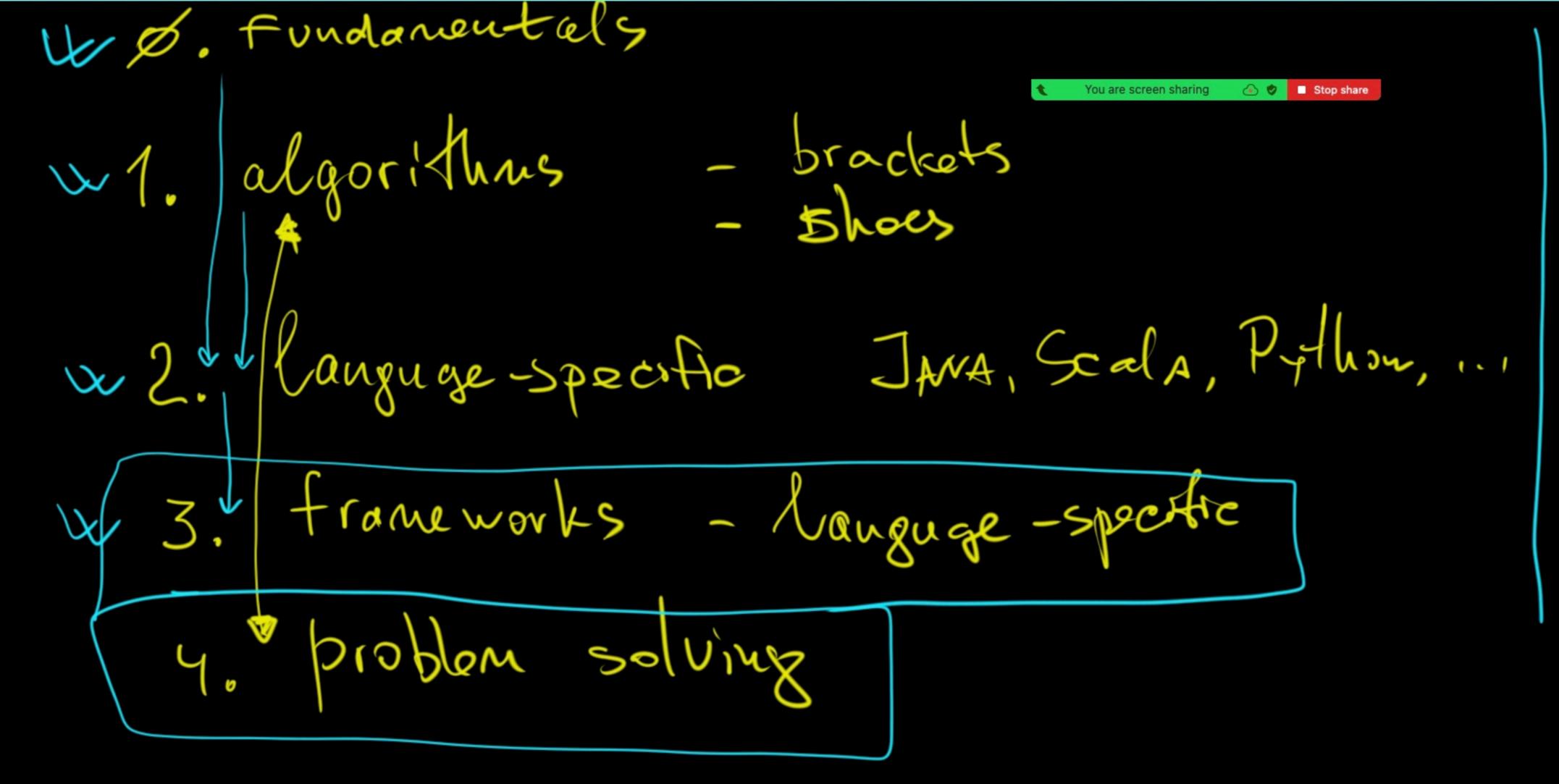
bytes bin: [[11110000, 10011111, 10011000, 10000000], [11110000, 10011111, 10100100, 10101010],

4 bytes = 325it 6+6+6+3=21 bit $2^{24}=1$ bixxxxxxx. $2^{24}=2$.xxxx.xxx



MOSON 0123(98)21 (=1) (=0

```
int l = 0;
int r = 0;
for (char c: raw.toCharArray()) {
    switch (c) {
        case 'L':
            if (r == 0) l++; else r--;
            break;
        case 'R':
            if (l == 0) r++; else l--;
            break;
        default:
    }
max = Math.max(max, Math.max(l, r));
```



100 / 100 colui

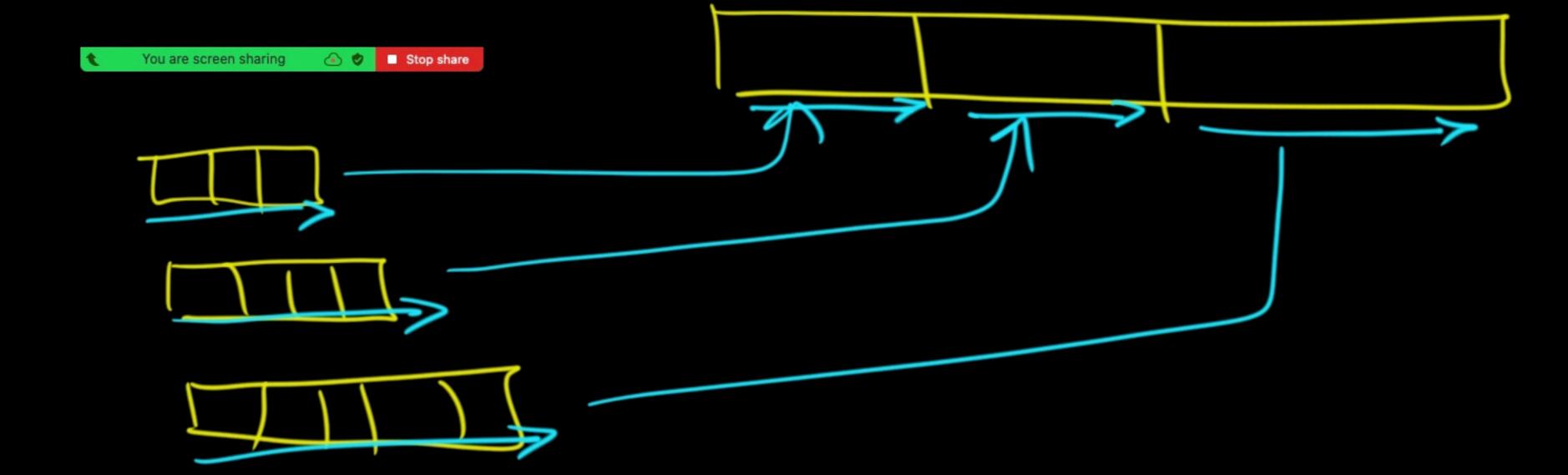
You are screen sharing 🛆 🥏 🗆 Stop share

hackerrank.com codility.com codewars.com google: online coding platform String concat

"aba" (oncat

"abo". concat ("ode") "abjecde"

```
int size = 0;
for (String x : xs) {
  size += x.length();
System.out.println(size);
char[] chars = new char[size];
int idx = 0;
for (String x : xs) {
 for(char c: x.toCharArray())
    chars[idx++] = c;
String outcome = new String(chars);
System.out.println(outcome);
```



1. create String 2. locations: string pool, heap

3. operations

4. effective concateuration

String Builder String, Join

5. algorishance tasks