Aarnav Jindal
Product Manager - Scaler (TA product)
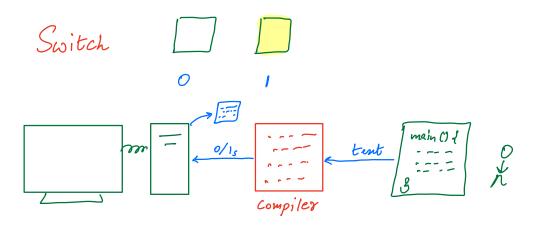Previously Visa, Cure.fit, Coding Blocks

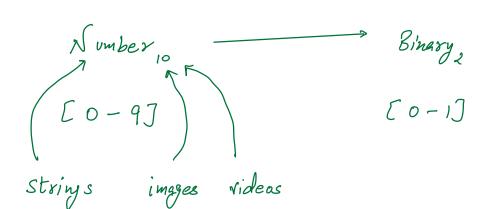Starting at 9:05

Hello !!!

System.out.print ("Hello world")

"   "   " * "

String : A sequence of characters

[a-z]
[A-Z]
[0-9]
special characters
@ ! _ / $

" abc bLb " ✓
" abab   ✗
" abab "
" abc 123" ✓
" abc $@" ✓
" "   ✓

123 ⟶ int
"123" ⟶ string

123 v/s "123"

int a = 123
String b = "123"
a ++ ; ⇒ 124
b++ ; ⇒ Error

$a \times 2; \Rightarrow 246$

$b \times 2; \Rightarrow Error$

Switch

0   1

Compiler

Number$_{10}$ $\longrightarrow$ Binary$_2$

$[0-9]$ $[0-1]$

Strings   images   videos

"ABC" $\Rightarrow [x \ y \ z]$

x
y
z

Aarnav	Amogh	Surya
A → 1	A → 11	A → 20
B → 2	B → 12	B → 11
C → 3	C → 13	C → 3
⋮	⋮	⋮

$\dot{z} \rightarrow 26$ | $z \rightarrow 36$ | $z \rightarrow 100$

Aarnav $\Rightarrow$ S = "Sachin"

Amogh $\Rightarrow$ S = "chaSin"

ASCII $\Rightarrow$ American Standard Code for Information Interchange

Char $\longrightarrow$ Int

a → 97	A → 65	0 → 48
b → 98	B → 66	1 → 49
c → 99	C → 67	2 → 50
⋮	⋮	3 → 51
z → 122	Z → 90	⋮
		8 → 56
		9 → 57

"10" $\Rightarrow$ ['1','0'] $\Rightarrow$ [49 48]   10 $\longrightarrow$ 58 x

@ ! $ $\Rightarrow$