Steing (Non Primitive)

Collection of chars ` a' + `b' + `c' = " abc" " a string" BODMAS string + anything = string

. String + anything = string!

1) System.out.println("Hello" + 10); \rightarrow Hello 10"

2) System.out.println("Hello"+10+20); \rightarrow Hello 10" + 20 \rightarrow Hello 10 20"

3) System.out.println($\frac{10+\text{"Hello"}+10+20$); \rightarrow "10 Hello"+10 + 20 \rightarrow "10 Hello 10" + 20 \rightarrow "10 Hello 10 20"

4) System.out.println($\frac{20+10}{10+\text{"Hello"}+10+20}$); $\frac{30}{30+\text{"Hello"}+10+20}$ \rightarrow "30 Hello 10" \rightarrow "30 Hello 10" \rightarrow "30 Hello" + 30 \rightarrow "30 Hello" + 30 \rightarrow "30 Hello" + 30 \rightarrow "30 Hello" \rightarrow "30 Hello" + 30 \rightarrow "30 Hello" \rightarrow "30 Hello" + 30 \rightarrow "30 Hello" \rightarrow "

« Hello Would"

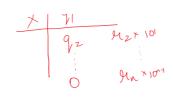
Binary To Decimal $\left(\stackrel{?}{\cancel{7}}\stackrel{?}{\cancel{7}}\right)_{2} \rightarrow (?)_{n}$ $\begin{pmatrix} 1^{1} & 1^{2} & 1^$ 256 + 64 + 32 + 8 + 4+2= 1 × 2⁸ + 0 × 2⁷ Steps > 1/Remainder 10 * Moreasing Powers of 2) I multiplier x=2 # Jis side jana Valna se gemainder Decimal to Binary (14)10 -> (?)2 23222 20 = 8+4+2=14 011 = 4 + 2 + 1 = 7 Long Division 1 × 101 (14)₁₀ -> (1110)₂ 1 × 103 Steps (Hexadeumal) 16 (0-F) E (Remaindur₂ * Increasing power of 10) 0-23756789 48101 Odal -> ($(10)^{10} \rightarrow (\overline{10})^{1\overline{6}}$ 0-71 $(18)_{10} \rightarrow (?)_{\underline{8}}$ 10 1 × 81 + 2 × 80 = 10 14 15 17 20 Anyloase(x) to Decimal $(?)_{x} \rightarrow (?)_{10}$ $a.x^{2}+b.x^{3}+c.x^{3}$ → Exteract Digits (Remainder 10) → Increasing power

OJ ×

→ Salaka Sum Decimal to Anypase $(100)_{10} \rightarrow (?)_{x}$ $= 9^{n} \times 10^{n-1} + 9^{n-1} \times 10^{n-2} + ... + 9^{n} \times 10^{n} \times 10^{n}$

10×

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 $(\chi_1)_3 \rightarrow (?)_5$ Direct Not Allowed

Anyloase to Anyloase Corneasion

Deimal

Lecture 8 Page 3

lapout n, a 9=0 12345-51234-Soutput > Number after Rotation 45123 -34512- $12345 \rightarrow (5) \times 100^{3} \text{ nod of}$ $1234 + (5) \times 100^{3} \text{ nod of}$ Remaring 12345 > 5 1041011011011010 5 1234 91=4 2345)_ H=5 6.1.5=1 51234 = 51234 2 while (4) } 1 Rotation + Remaining Number 5 Last Digit × 10 and + Remaining Number 4=7 45123 51234 (45123) (45123) 12345 not = not % nod 234S(1) 5 123,4 S1-23 + 9×104

nod = 0773 4

num = 123

1234

1234

nod++

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n = 12345 n = 3 n = 3 n = 8/5 = 3 nod = 5 pat2 = num / 10³/₂ a

<math>pat1 = num / 10³/₂ a nod = 1000 nod = 1000

FAANG 5 7 3 7 4 5

2) 1 - nod

Inverse Digit & S
1) Unique Digits 1
Only 3
2) 1= And 2

Inverse Suap (Digit > Position)

1 2 4 5 3

653152

P 1 2 3 4 5 6

Math. pow (10, -)

Digit Extract $\sqrt{}$ Position $\sqrt{}$ $\leq (pasi \times 10^{DH}) = ans$

2×10⁵⁻¹

Take 3 input:

Min F: 0 Max F: 100 Step : 20

For each F = 0.20,40,60,80,100 on a scale,

convert them into Celsius

C = 5/9*(F-32)

Output: with 4 spaces "\t"

$$\frac{5}{9}$$
 x (0-32)

$$\frac{5}{9} \times (40-32) = \frac{5\times8}{9} = \frac{40}{9} = 4.$$

int / int = int

double / int = double /

double / double = double /

int | double = double /