Strings

print ("Hello World")

String

String is a sequence of characters

A-Z q-Z O-9 #,Q,*, etc

"abc 123"

"abc \$ X # Strings are ALWAYS referesented

"123"

in ""

- String VS Integer
 123 is Integer
 "123" is String
- Steings in computers
 Computers only understand O's 11's

A → 50 "A

ASCII

American Standard Code for Information Interchange

$$A - 65$$
 $a - 97$
 $b - 98$
 $1' - 49$
 $C - 67$
 $2' - 50$
 $3 - 90$
 $4 - 90$
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country. length () -> 5

Country. charAt (3) → i

O! Given string, krint characters line by line

"India" — I

h

d

i

for (int i=0; i < S. length (); i++) C

println (S. charAt (i))

Given string, print ASCII value of characters line by line
"India" — 73

110

105

97

Java can interpret characters as ASCII valued numbers

for (int i=0; i < S. length (); i++) C

println (Cint) S. charAt (i))

Print the count of capital characters "kjrs78931@30" -> 3 Hint 1: A-2 65-90 int ans = 0 for (int i=0; i < S. length (); i+t) Cchar ch = s. charAt(i) if (ch 7,65 && ch < 90)
anstt print (ans) Solution 2 int ans = 0 for (int i=0; i < S. length (); i+t) C

char ch = s. charAt(i)if $(ch 7/A') se ch \leq '2')$ ans $t \neq t$ Print (ans)

Q Print the count of special characters
"kj RS 78q 31@30" → 1

int ans = 0 for (int i=0; i < S. length (); i+t) C

chas ch = s. charAt(i)if $(ch7/A' & & ch \leq '2')$ 11 $(ch7/a' & & ch \leq '2')$ 11 $(ch7/o' & & ch \leq '9')$ 2

else

any ++

Print (ans)

ang = 11 11

van +s

of Reverse the string

"Aarnav" — "vanraA"

"Aman" — "namA"

-> Iterate from back to front of the input string

String reverse (String s) C

String ans = ""

for (int i= S. length()-1; i > 0; i--) Cand c = S. charAt(i)

return ans

ans t= s. CharAt(i)

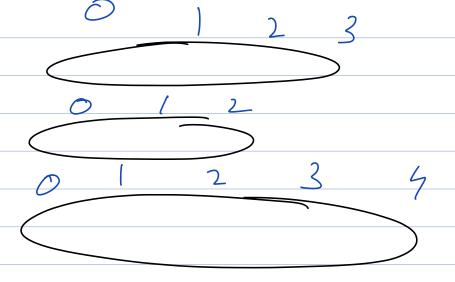
String Concatenation

"Oma" + "rsh" = "Omansh"
"nsh" + "Oma" = "nshOma"

Q Check whether string is a palindrome string is the same as the revelse of the string

Eg = "madam", "racecar", "naman" Hint: Can we seeme the above function? string s; string reverse_s = reverse(s) if (s = = sevelse_s)

plint ("Palindlome") = = checks if the addresses of the two strings are equal if (s.equals(reverse_s))] ~ plint ("Palindrome") equals only checks if the string content is same



0 1 2 3