

String

→ out put of: 1, 2, 3, ..., 100, 1000

(1) String Construction!

empty string:

String with characters: Hello world

String from char array: Hello

concatenated string: Hello world

concatenated string using concat(); helloworld

(2) String length, literal, concat, to string()

String length: 5

String literal: Hello

~~both~~ are same: Hello world

(3) Using getcharacter(), getBytes(), chararray, function

extracted substring: to bytes

S1 equals S1: true

S1 equals S2: false

S1 equals S3: false

(4) matches()

Not matched.

(5) startsWith() endWith()

Empty string Hello world!

Character array! Hello world

byte array! f2, 101, 108, 108, 111, 104, 82, 82, 111, 78, 101, 100, 33

8) false

false

true

true

10) Equals() missing = prints nothing

branch. Str1 == Str2 = false.

str.equals("str2") = true.

Str1 == Str3 = false

Str1.equals(Str3) = true.

11) compareTo()

[apple, ball, boat, dog, ant, tree, gun, hen, ice, bug, kite, lift, mom, net, orange, parrot, queen, spring, star, tree, umbrella, man, watch, Xmas, Yatch, zee]

12) to to 1 compareTo()

[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

13) substring(), indexOf(), concat(), replace(), trim()

This is , test , This is , to
Hello world

This is a test for the comming . It will
test if the replacement works ,
Hello friends.

17) Regno, Full name, Semester, CGPA

~~1~~ student details:

Registration no : 12

Full name : Pragha Venkatesh

Semester : 3

CGPA : 9.6

~~2~~ student details:

Registration no : 13

Full name : Panceeth gowda

Semester : 4

CGPA : 8.5

Student 3 details :

Reg no : 14

Full name : Shashank SP

Semester : 5

CGPA : 9.9

18) String buffers functions

String after setlength [5] : Hello

String at index 3 : l

String at index 0 to 4 : Hello

String append() : Hello - Extra text +

String insert() : Hello - text +

String reverse() : Text + extra text +

String delete [4] : a text - text determinant array

String after replace() : Replaced Text -
detesent array

Substring from index 0 to 3 : Replaced Text -
+ text determinant array

Substring from index 0 to 3 : Replace

19) method of fly(), make same

Eagle is flying high.

Eagle is says : swoosh

Hawk is hessing high

Hawk says : Sareech

20) calculate area(), calculate perimeter()

circle area = 11.8, 8.3

circle perimeter = 31.415

triangle area = 6

triangle perimeter = 12

$$\begin{array}{r} 8 \\ \times 12 \\ \hline 64 \end{array}$$

object : Dog playing with points

object : Cat playing with points

object : Lion playing with points

object : Wolf playing with points

object : Fox playing with points

object : Tiger playing with points

object : Bear playing with points

object : Elephant playing with points

object : Giraffe playing with points

object : Monkey playing with points