

Problems

Pb: Jack and Jill \rightarrow word

- ① \rightarrow jill and jack
- ② \rightarrow jack and jilly size of words
- ③ \rightarrow Jack And Jill Only first character
- ④ \rightarrow kaji dha liji

nextLine()

④ Jack and Jill
jill and Jack

Split \rightarrow Array
Line \Rightarrow s.split()
String s = "Jack and Jill"
 \downarrow s.split()

String arr[] \rightarrow Jack | and | Jill
① ② ③

jill and Jack

② Jack and jill

\hookrightarrow Jack4 and jill4

⑤ \rightarrow split() \rightarrow Jack | and | jill
-1 0 1 2
 \rightarrow arr[0] + arr[1].length() + "
jack4 - Correction using operators

③ Jack and jill

\hookrightarrow Jack And Jill

s \rightarrow split() \rightarrow Jack | and | jill
0 1 2

"Jack"
String str = "Jack"
 \rightarrow "upprCase"
str.charAt(0).toUpperCase()
+ str.substring(1, str.length())
str.substring(1, str.length())
str.substring(1, str.length())

④ Jack and jill
 \hookrightarrow kaji dha liji

s \Rightarrow split() \Rightarrow Jack | and | jill
0 1 2
str = Jack
0 1 2

"Jack"
 0 1 2 3
 s.charAt(2)
 r = "a"
 r + "k"
 k = "k"
 r + k
 k + "a"
 k + "a" = "kka"
 "k" + "a" = "ka"
 "k" + "a" = "ka"
 "k" + "a" = "ka"
 "k" + "a" = "ka"

Parsing String to primitive type

"10" → 10

(int) "10"
 ↑ ↑
 P N.T
 No Object

+ Auto boxing

Integer i = new Integer(1)
 int j = i ← auto boxing
 int i = 10
 Integer j = i ← unboxing

int i = Integer.parseInt("10")

byte b = Byte.parseByte("10")

short s = Short.parseShort("10")

long.parseLong("10")

Float.parseFloat("125.117")

Double.parseDouble("9.12345678")

Boolean.parseBoolean("True")

char c = Character.parseCharacter("A")

char c = str.charAt(0)

methods

true
 True
 TRUE
 TRUE
 true → false
 false "0"
 false
 False
 FALSE
 FALSE
 false → false

String immutable
 ↳ mutable string
 ↳ String Buffer
 ↳ String Builder
 formatting