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help.search('Fast Fourier')

#### 1.3 Векторы (часть 1) (AA) ####

# Traditions, traditions...

hello <- 'Hello world!'

print(hello)

hello

# lost in translation

c(1, 2, 3)

c(3, 2, 1)

# important caveat

0.1 + 0.1 == 0.2

0.1 + 0.05 == 0.15

all.equal(0.1 + 0.05, 0.15)

# R. FAQ 7.31

# google "R why are these numbers not equal"

# https://stackoverflow.com/questions/9508518/why-are-these-numbers-not-equal

# Non-trivial sequence: "all thirds and sevenths"

u <- seq(1, 2, 1/3)

v <- seq(1,2, 1/7)

c(u, v)

?? sort

w <- sort(c(u, v))

w <- unique(w)

# шаг 5 из 11

m <- 3

n <- 7

get\_fractions <- function(m, n) {

x <- seq(0, 1, 1/m)

y <- seq(0, 1, 1/n)

return(c(x, y))

}

get\_fractions(3, 7)