> my.str <-"Reverend Meza, Reverend Reck, I'm grateful for your generous invitation to speak my views.

+

+ While the so-called religious issue is necessarily and properly the chief topic here tonight, I want to emphasize from the outset that we have far more critical issues to face in the 1960 election; the spread of Communist influence, until it now festers 90 miles off the coast of Florida--the humiliating treatment of our President and Vice President by those who no longer respect our power--the hungry children I saw in West Virginia, the old people who cannot pay their doctor bills, the families forced to give up their farms--an America with too many slums, with too few schools, and too late to the moon and outer space.

+

+ These are the real issues which should decide this campaign. And they are not religious issues--for war and hunger and ignorance and despair know no religious barriers."

> nchar(my.str)

[1] 890

> my.list <- strsplit(my.str, split = "")

> is.list(my.list)

[1] TRUE

> my.chars <- unlist(my.list)

> my.chars\_lower <- tolower(my.chars)

> my.chars <- my.chars\_lower[my.chars\_lower %in% letters]

> my.chartab <- table(my.chars)

> my.chartab

my.chars

a b c d e f g h i k l m n o p r s t u v w y z

47 3 25 23 93 19 14 37 61 3 28 18 45 59 17 52 48 59 23 8 16 9 2

> plot(my.chartab, xlab = "Characters", ylab = "Counts")

> rm(my.str, my.list, my.chars, my.chars\_lower, my.chartab)

> presidents <- c("Bill Clinton", "George Bush", "Ronald Reagan", "Jimmy Carter", "Gerald Ford")

> president.list <- strsplit(presidents, split = " ")

> president.vec <- unlist(president.list)

> president.first <- president.vec[c(1,3,5,7,9)]

> rm(presidents, president.first, president.vec)

> bill <- "Bill Clinton"

> others.first <- c("George", "Ronald", "Jimmy", "Gerald")

> others.second <- c("Bush", "Reagan", "Carter", "Ford")

> others <- paste(others.first, others.second)

> substr(others, 1, 1)

[1] "G" "R" "J" "G"

> substr(others, nchar(others) - 4, nchar(others))

[1] " Bush" "eagan" "arter" " Ford"

> president <- paste(bill, others)

> substr(president, 1, 3) <- "abc"

> rm(bill, others, others.first, others.second, president)