print("hello, world")
# Demonstrates a bug

```r
println("hello, world")
```
readline("What's your name? ")
readline("What's your name? ")
print("Hello, Carter")
name <- readline("What's your name? ")
print("Hello, name")
name <- readline("What's your name? ")
greeting <- paste("Hello, ", name)
print(greeting)
name <- readline("What's your name? ")
greeting <- paste("Hello, ", name, sep = "")
print(greeting)
name <- readline("What's your name? ")
greeting <- paste0("Hello, ", name)
print(greeting)
name <- readline("What's your name? ")
print(paste("Hello," , name))
# Ask user for name
ame <- readline("What's your name? ")

# Say hello to user
print(paste("Hello," , name))
mario <- readline("Enter votes for Mario: ")
peach <- readline("Enter votes for Peach: ")
bowser <- readline("Enter votes for Bowser: ")

total <- mario + peach + bowser

print(paste("Total votes: ", total))
mario <- readline("Enter votes for Mario: ")
peach <- readline("Enter votes for Peach: ")
bowser <- readline("Enter votes for Bowser: ")
mario <- as.integer(mario)
peach <- as.integer(peach)
bowser <- as.integer(bowser)
total <- mario + peach + bowser
print(paste("Total votes: ", total))
mario <- as.integer(readline("Enter votes for Mario: "))
peach <- as.integer(readline("Enter votes for Peach: "))
bowser <- as.integer(readline("Enter votes for Bowser: "))

total <- sum(mario, peach, bowser)

print(paste("Total votes: ", total))
```r
votes <- read.table("votes.csv")
View(votes)
```
```r
votes <- read.table("votes.csv", sep = ",")
View(votes)
```
voters <- read.table("votes.csv",
sep = ",",
header = TRUE
)

View(votes)
votes <- read.csv("votes.csv")
View(votes)
votes <- read.csv("votes.csv")

votes[, 1]
votes[, 2]
votes[, 3]
votes <- read.csv("votes.csv")
colnames(votes)
votes$candidate
votes$poll
votes$mail
voted <- read.csv("votes.csv")

sum(votes$poll[1], votes$poll[2], votes$poll[3])
votes <- read.csv("votes.csv")

sum(votes$poll)
sum(votes$mail)
votes <- read.csv("votes.csv")

votes$poll[1] + votes$mail[1]
votes$poll[3] + votes$mail[3]
votes <- read.csv("votes.csv")

votes$poll + votes$mail
votes <- read.csv("votes.csv")

votes$total <- votes$poll + votes$mail
```
1  votes <- read.csv("votes.csv")
2  votes$total <- votes$poll + votes$mail
3  write.csv(votes, "totals.csv")
```
votes <- read.csv("votes.csv")

votes$total <- votes$poll + votes$mail

write.csv(votes, "totals.csv", row.names = FALSE)
# Demonstrates reading data from a URL

```r
url <- "https://github.com/fivethirtyeight/data/raw/master/non-voters/nonvoters_data.csv"

voters <- read.csv(url)
```
# Demonstrates finding number of rows and columns in a large data set

```r
url <- "https://github.com/fivethirtyeight/data/raw/master/non-voters/nonvoters_data.csv"
voters <- read.csv(url)
nrow(voters)
ncol(voters)
```
# Demonstrates finding unique values in a vector

url <- "https://github.com/fivethirtyeight/data/raw/master/non-voters/nonvoters_data.csv"

voters <- read.csv(url)

unique(voters$voter_category)
# Demonstrates NA

```r
demonstrates NA

url <- "https://github.com/fivethirtyeight/data/raw/master/non-voters/nonvoters_data.csv"

voters <- read.csv(url)

voters$Q22

unique(voters$Q22)
```
# Demonstrates converting a vector to a factor

url <- "https://github.com/fivethirtyeight/data/raw/master/non-voters/nonvoters_data.csv"

voters <- read.csv(url)

voters$Q21

factor(voters$Q21)

factor(voters$Q21,
        labels = c("?", "Yes", "No", "Unsure/Undecided")
)
# Demonstrates excluding values from the levels of a factor

data_url <- "https://github.com/fivethirtyeight/data/raw/master/non-voters/nonvoters_data.csv"

voters <- read.csv(data_url)

voters$Q21 <- factor(voters$Q21,
labels = c("Yes", "No", "Unsure/Undecided"),
exclude = c(-1)
)