

STAT_663 Exercise 7

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```
library(geojsonio)

## Registered S3 method overwritten by 'geojsonsf':
##   method      from
##   print.geojson geojson
##
## Attaching package: 'geojsonio'
## The following object is masked from 'package:base':
##
##   pretty
library(leaflet)

## Warning: package 'leaflet' was built under R version 4.2.2
library(sp)
library(rgeos)

## rgeos version: 0.5-9, (SVN revision 684)
## GEOS runtime version: 3.9.1-CAPI-1.14.2
## Please note that rgeos will be retired by the end of 2023,
## plan transition to sf functions using GEOS at your earliest convenience.
## GEOS using OverlayNG
## Linking to sp version: 1.5-0
## Polygon checking: TRUE
x1 <- c(6, 8, 8, 6, 6)
x2 <- c(6, 6, 4, 4, 6)

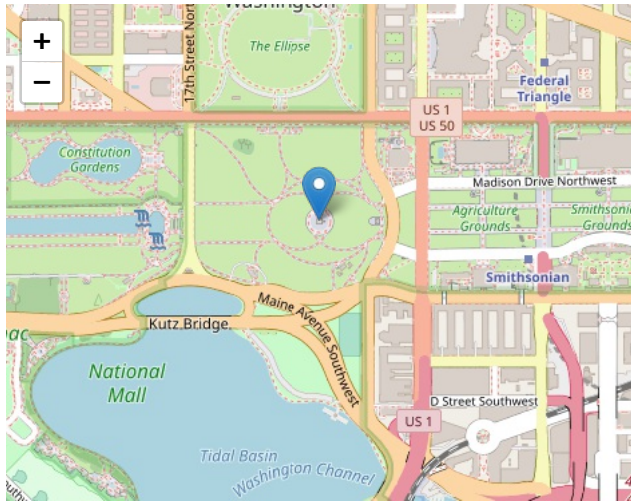
y1 <- c(5, 6, 8, 10, 5)
y2 <- c(8, 3, 2, 8, 8)

Poly1 <- Polygon(cbind(x1, x2))
Poly2 <- Polygon(cbind(y1, y2))
Polys1 <- Polygons(list(Poly1), "s1")
Polys2 <- Polygons(list(Poly2), "s2")
SPolys <- SpatialPolygons(list(Polys1, Polys2), 1:2)

leaflet(height = "300px") %>% addPolygons(data = SPolys)
```



```
library(leaflet)
dmap <- leaflet() %>%
  setView(lng = -77.0353, lat = 38.8895, zoom = 15) %>%
  addTiles() %>%
  addMarkers(lng = -77.0353, lat = 38.8895, popup = "Washington Monument", label = "Washington Monumnet",
dmap
```



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