Quiz 1

```
knitr::opts_chunk$set(echo = TRUE)
library(tidyverse)
```

mgp data

```
mpg
```

1. Remove the the cluster of points from the "2seater" class to create a new dataset.

```
mpg_new <- mpg |>
  filter(class != "2seater")
mpg_new
```

2. Use a scatter plot to visualize the relationship between highway fuel efficiency (hwy) and the displacement of its engine (displ).

3. Filter the data to select the points where cty < 10 or cty > 32.5. Use the relocate function to move the column cty after the column year and move the column hwy before the column cyl.

```
mpg_filtered <- mpg |>
  filter(cty < 10 | cty > 32.5) |>
  relocate(cty, .after = year) |>
  relocate(hwy, .before = cyl)
mpg_filtered
```