1. `geom_smooth` function: After loading library `tidyverse` execute the following command:

```
> ggplot(data = mpg) +
+   geom_smooth(mapping = aes(x = displ, y = hwy))
```

   Understand (as best as possible) what curve the code is drawing. Add the following aesthetic mappings using variable `drv` and explain the plot in each case:

   (a) `linetype`

   (b) `group`

   (c) `linetype`

   (d) `colour` (use `viridis` scale filling)

2. Write a `R-code` that produces one plot in which : there is a scatter plot of `displ` versus `hwy` using `class` for colour (again `viridis`) and over layered on it a best fit line using `geom_smooth` for the `midsize` cars.