Penguin_Analysis

QUESTION 01: Data Visualisation for Science Communication

"'{ggplot(penguins_clean_species, aes(x = body_mass_g)) +

```
  geom_smooth(method="lm",
              aes(y=culmen_depth_mm,
                  colour = "Culmen Depth (mm)"))+

  geom_smooth(method="lm",
              aes(y=flipper_length_mm/12,
                  colour = "Flipper Length (mm)"))+

  scale_y_continuous(
    name = "Culmen Depth (mm)",
    sec.axis = sec_axis(~ . *12,
                        name = "Flipper Length (mm)")) +

  scale_colour_manual(name = "Legend",
                      values = c("Culmen Depth (mm)" = "orangered",
                                 "Flipper Length (mm)" = "seagreen2"))+

  labs(title="Relationship between culmen depth, flipper length and body mass",
       x="Body Mass (g)")+
  theme_bw()
echo=FALSE
}
```