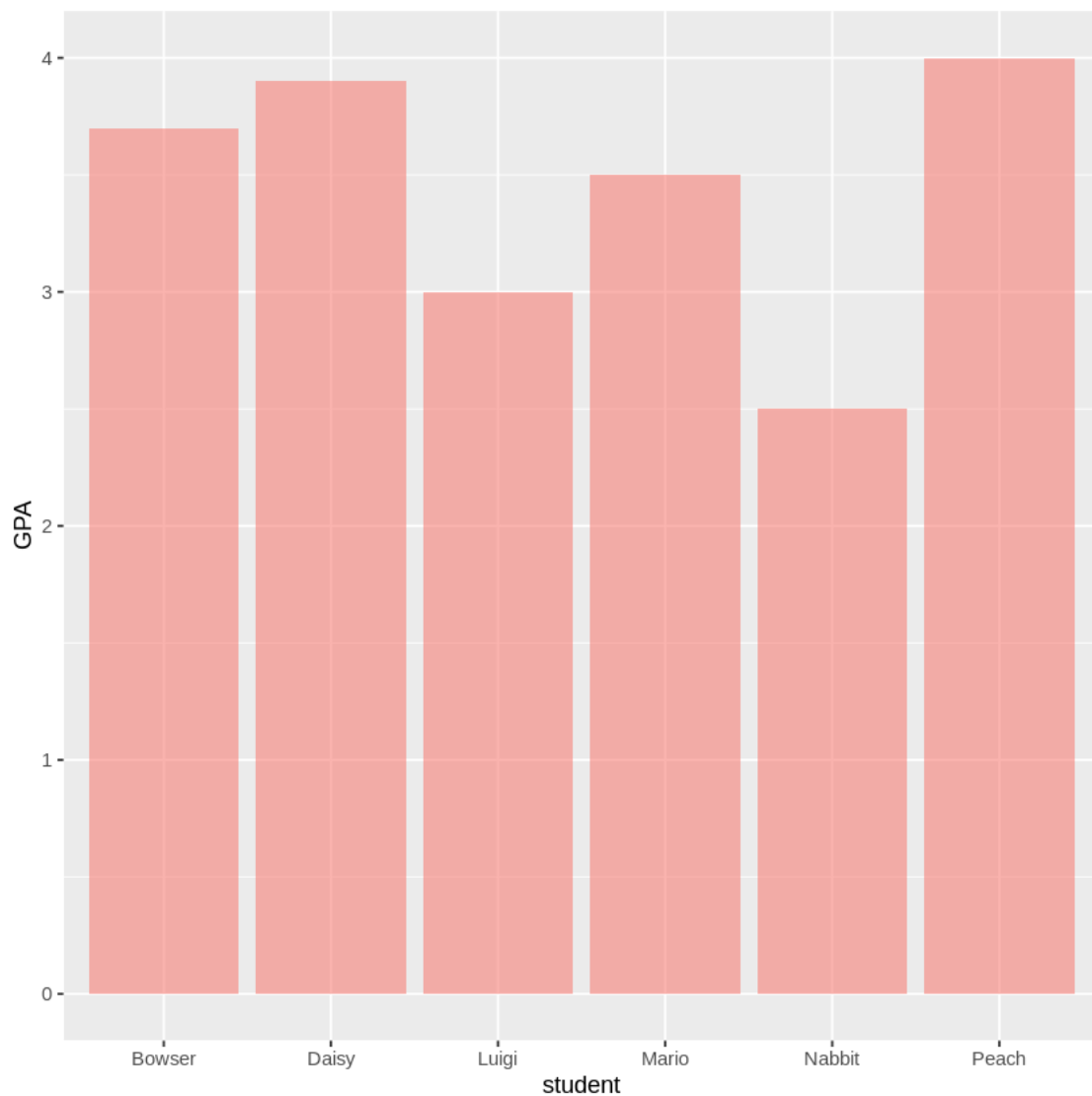


column-plot

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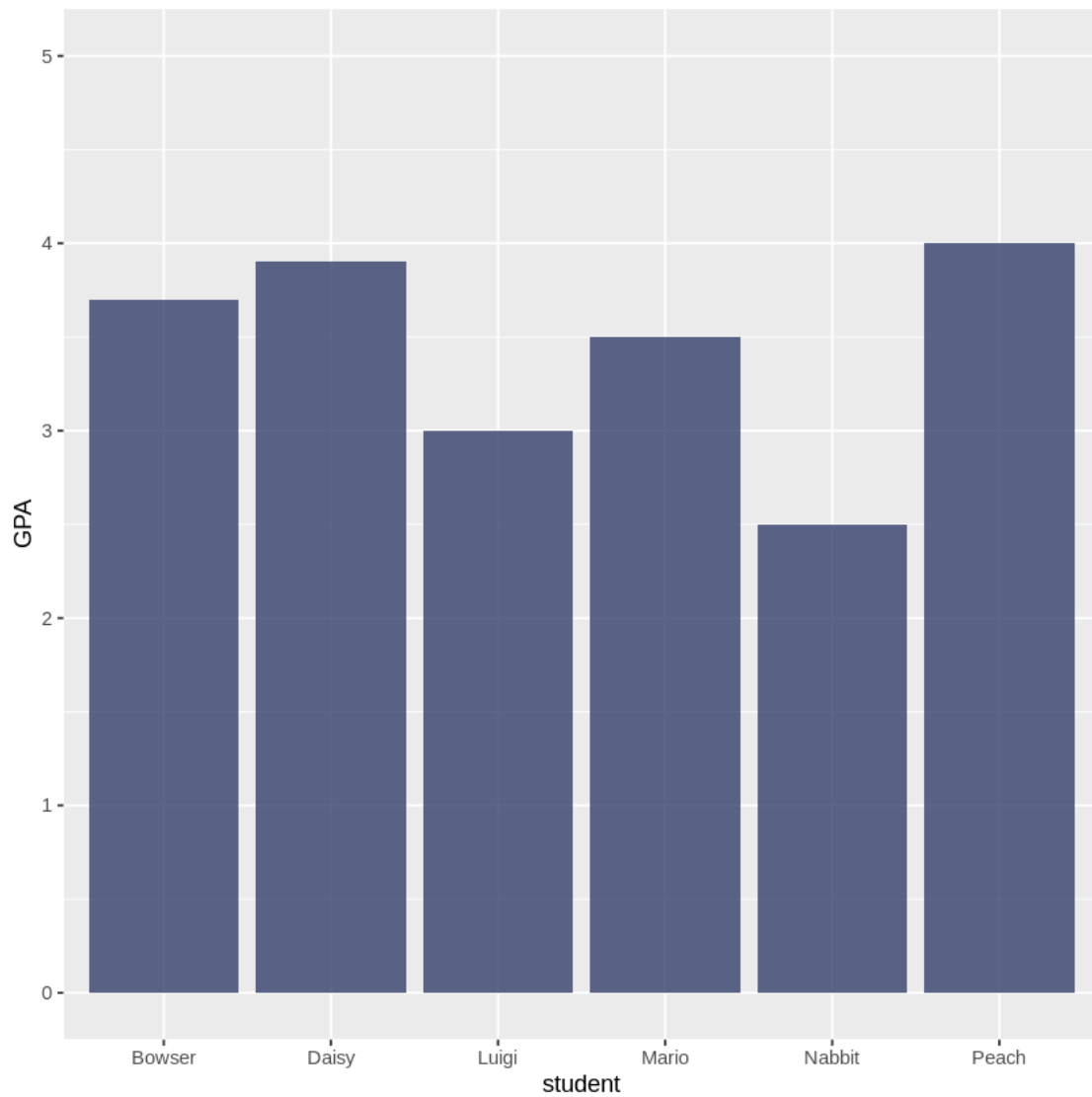
```
[9]: library(tidyverse)
data_frame <- read.csv("/average_gpa.csv")
ggplot(data_frame, aes(x = student, y = GPA, fill = "red", alpha = 0.75)) +
  geom_col() +
  theme(legend.position = "none")
```



```
[10]: library(tidyverse)

data_frame <- read.csv("/average_gpa.csv")

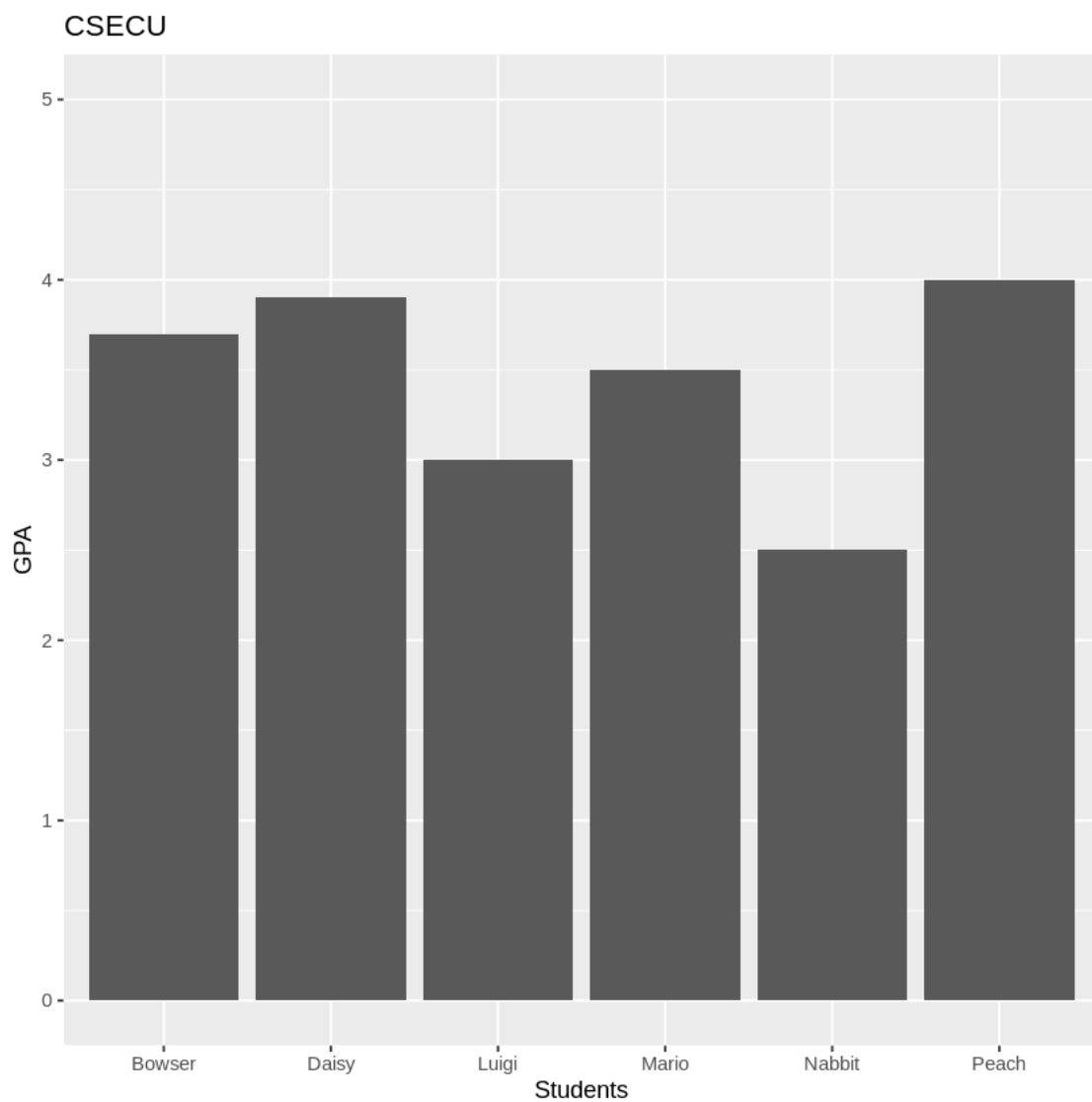
ggplot(data_frame, aes(x = student, y = GPA)) +
  geom_col(fill = "#293462", alpha = 0.75) +
  scale_y_continuous(limits = c(0, 5))
```



```
[14]: library(tidyverse)
```

```
data_frame <- read.csv("/average_gpa.csv")

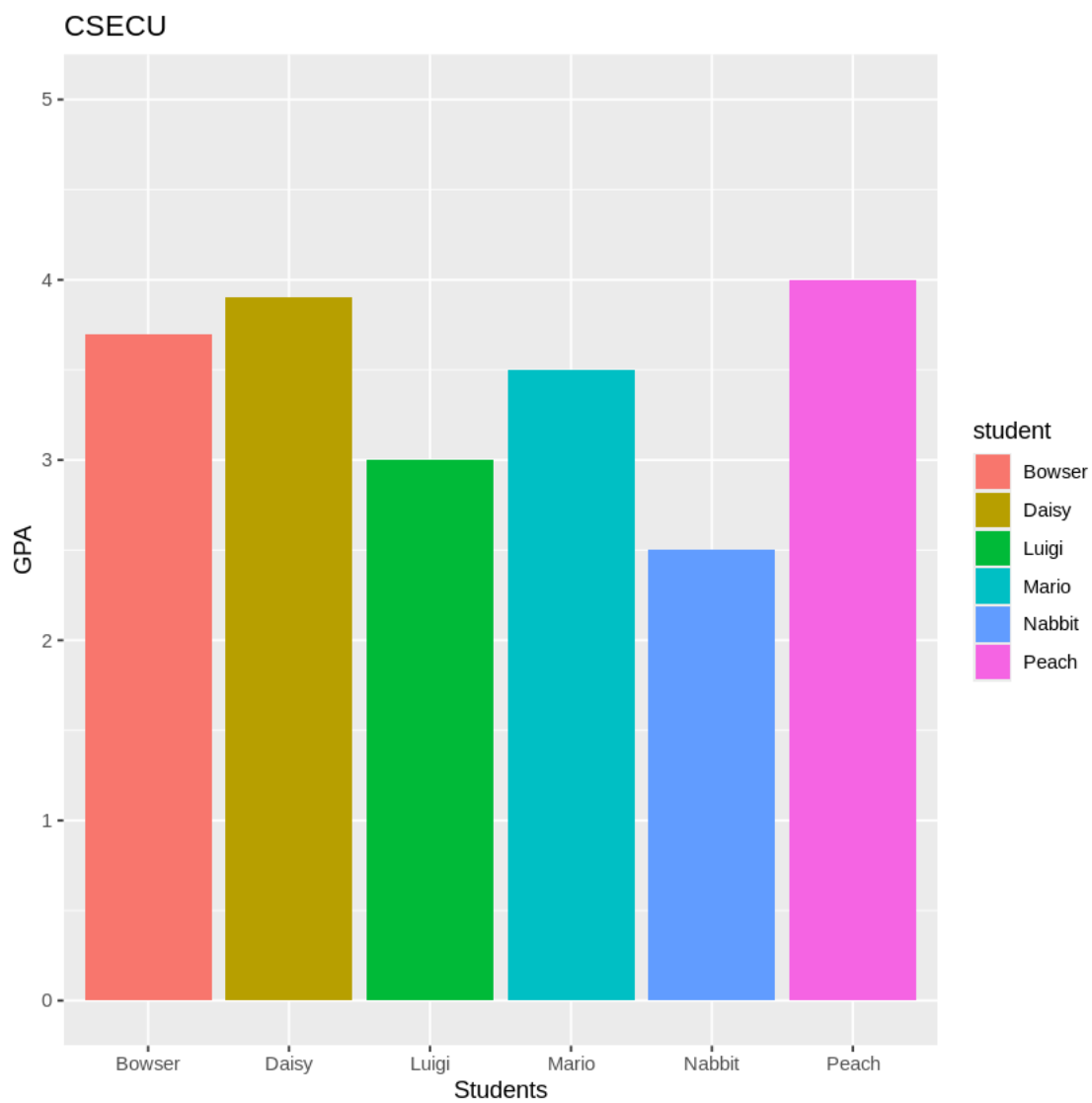
ggplot(data_frame, aes(x = student, y = GPA)) +
  geom_col() +
  scale_y_continuous(limits = c(0, 5)) +
  labs(
    x = "Students",
    y = "GPA",
    title = "CSECU"
  )
)
```



```
[23]: library(tidyverse)

data_frame <- read.csv("/average_gpa.csv")

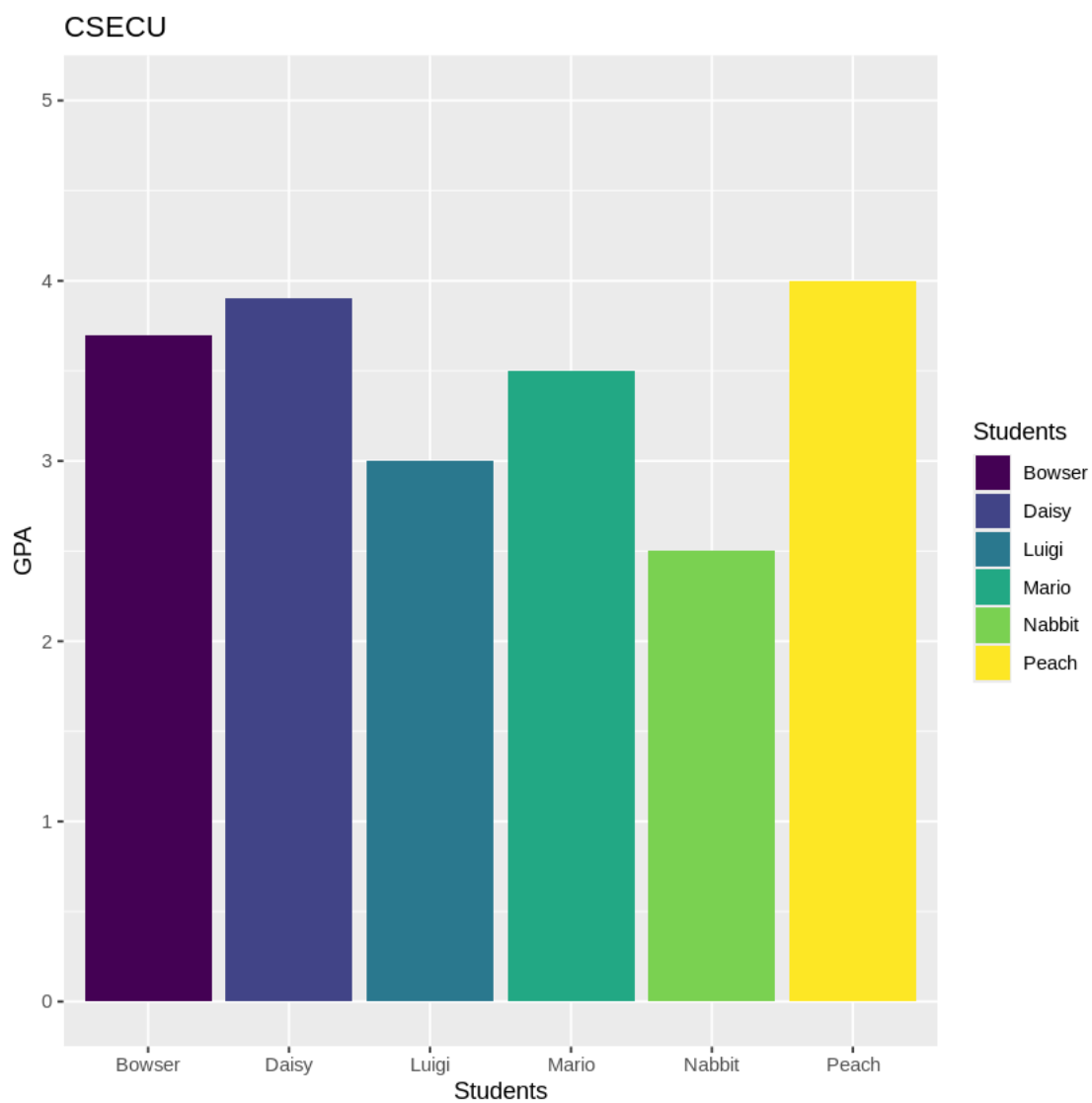
ggplot(data_frame, aes(x = student, y = GPA)) +
  geom_col(aes(fill = student)) +
  scale_y_continuous(limits = c(0, 5)) +
  labs(
    x = "Students",
    y = "GPA",
    title = "CSECU"
  )
)
```



```
[24]: library(tidyverse)

data_frame <- read.csv("/average_gpa.csv")

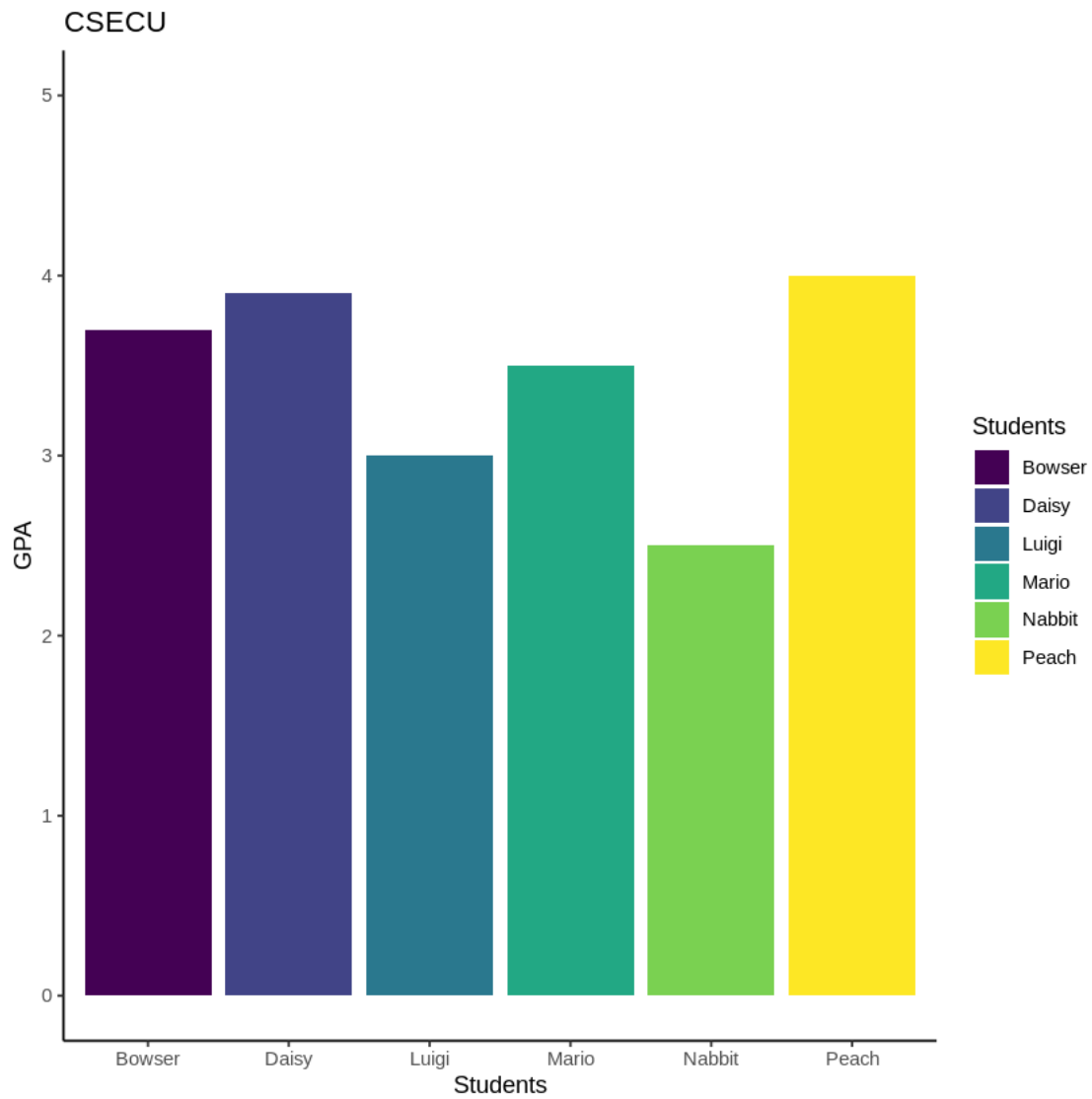
ggplot(data_frame, aes(x = student, y = GPA)) +
  geom_col(aes(fill = student)) +
  scale_fill_viridis_d("Students") +
  scale_y_continuous(limits = c(0, 5)) +
  labs(
    x = "Students",
    y = "GPA",
    title = "CSECU"
  )
```



```
[34]: library(tidyverse)

data_frame <- read.csv("/average_gpa.csv")

ggplot(data_frame, aes(x = student, y = GPA)) +
  geom_col(aes(fill = student)) +
  scale_fill_viridis_d("Students") +
  scale_y_continuous(limits = c(0, 5)) +
  labs(
    x = "Students",
    y = "GPA",
    title = "CSECU"
  ) +
  theme_classic()
```



```
[40]: library(tidyverse)

data_frame <- read.csv("/average_gpa.csv")

P <- ggplot(data_frame, aes(x = student, y = GPA)) +
  geom_col(aes(fill=student)) +
  scale_fill_viridis_d("Students")+
  scale_y_continuous(limits = c(0, 5))+
  labs(
    x = "Students",
    y = "GPA",
    title = "CSECU"
  )+
  theme_classic()
ggsave(
  "/Students.png",
  plot = P,
  width = 1200,
  height = 800,
  units = "px")
```