Assignment 5: Modeling COVID-19

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Exercise 1

```
days_range <- 1:250
```

Exercise 2

```
susceptible <- 300000000
infectious <- 1
recovered <- 0</pre>
```

Exercise 3

Exercise 4

```
library(tibble)

covid_sim <- tibble(
  day = days_range,
  susceptible = susceptible,
  infectious = infectious,</pre>
```

```
recovered = recovered
)
```

Exercise 5

Exercise 6

Exercise 7

Exercise 8

Academic Integrity statement