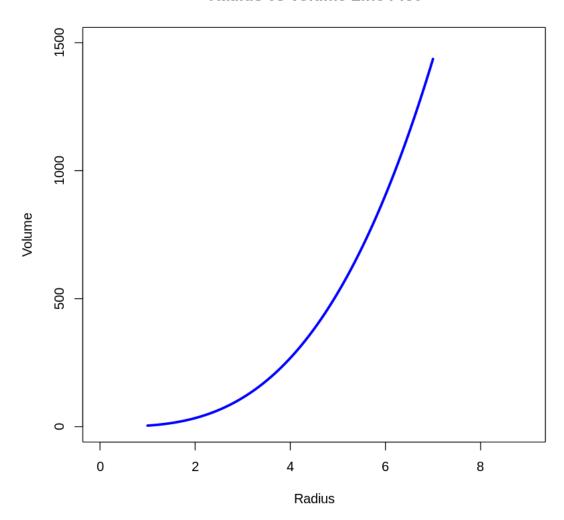
# Problem 2

January 19, 2021

Questions 2a and 2b (scroll down to see the plot)

### Radius vs Volume Line Plot



# Questions 2c graph using ggplot2

```
[2]: library(tidyverse)
  df = data.frame(radius,volume)
  ggplot(df, aes(x=radius,y=volume))+geom_line()+
       ggtitle("Radius vs Volume Line Plot")+
       theme(plot.title = element_text(size=15,hjust = 0.5))
```

```
Attaching packages tidyverse 1.3.0
```

```
ggplot2 3.2.1 purrr 0.3.3
```

```
      tibble
      2.1.3
      dplyr
      0.8.4

      tidyr
      1.0.2
      stringr
      1.4.0

      readr
      1.3.1
      forcats
      0.4.0
```

#### Conflicts

## tidyverse\_conflicts()

```
dplyr::filter() masks stats::filter()
dplyr::lag() masks stats::lag()
```

# Radius vs Volume Line Plot

