

# Lab1

Aditi Madhok

1/26/2021

## Tutorial Answers

The *following* are **answers** to the lab.

## Section 1

1. 2:50 seq(50, 2, by=-2)
2.  $z <- 8$   $w <- 7 z^*w$
3.  $x <- c(-1,2,3)$   $x^{(1/2)}$

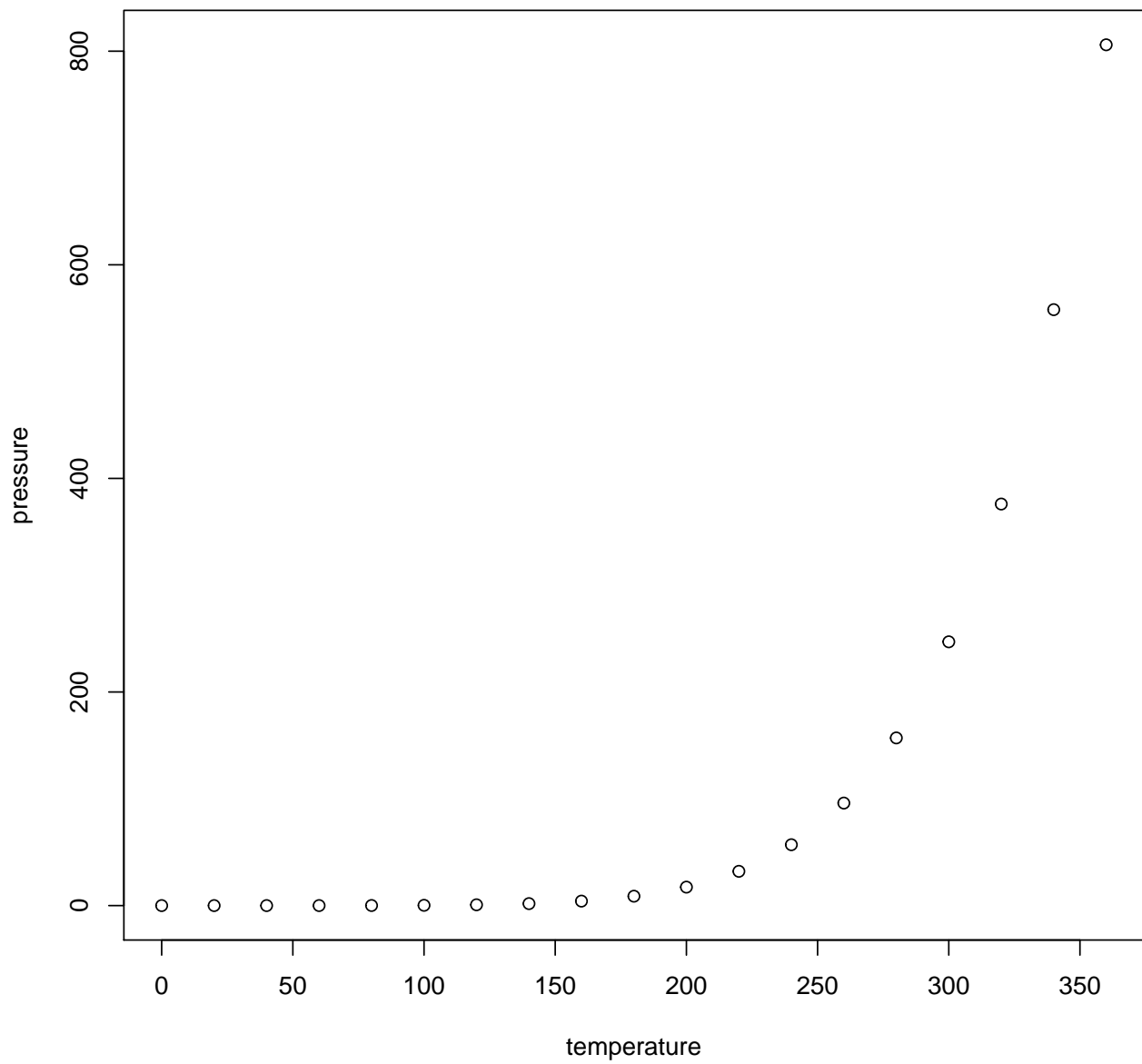
## Section 2

```
summary(cars)
```

```
##      speed      dist
##  Min.   : 4.0    Min.   : 2.00
## 1st Qu.:12.0    1st Qu.: 26.00
##  Median :15.0    Median : 36.00
##   Mean  :15.4    Mean   : 42.98
## 3rd Qu.:19.0    3rd Qu.: 56.00
##   Max.  :25.0    Max.    :120.00
```

- 4.

```
plot(pressure)
```



5.

```
x <- 5
x^(1/2)
```

```
## [1] 2.236068
```

Here is my inline name *admadz*.

*ad + madz.*

*ad ≥ madz I am my family (name) but also my own **individual***

i am  $\bar{m}e$

$$\sum_{i=0}^{\infty} \rho^i = \frac{1}{1-\rho}.$$

but make it LaTeX now (behind the scenes)

$$\int_{i=0}^1 x^2 \, dx = \frac{1}{3}.$$

6.

$$\sin(x)$$

7. lol reference above

8.  $\pi$

9.

```
x <-13
x^(1/2)
```

```
## [1] 3.605551
```

11. If  $a$  and  $b$  are the two shorter lengths of a right triangle, and  $c$  is the longer length, then  $a^2 + b^2 = c^2$ .