Vincent_Jin_Mini_Assignment2

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Mini Assignment2

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```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.2 --
## v ggplot2 3.3.5     v purrr   0.3.4
## v tibble  3.1.6     v dplyr   1.0.9
## v tidyr   1.2.0     v stringr 1.4.0
## v readr   2.1.2     v forcats 0.5.1
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

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Mini-assignment # 2

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write your R code after each of the questions (1 to 5)

no need to include the results of your code (i.e., only the commands are needed)

(1) calculate the following equation: 12 plus 8 plus 20, then divide by 10 all in one line)

```
print((12 + 8 + 20) / 10)
```

```
## [1] 4
```

(2) calculate the following equation: 30 plus 15 plus 5, then multiply by 20, subtract by 500, and finally divide by 25 (all in one line)

```
print(((30 + 15 + 5) * 20 - 500) / 25)
```

```
## [1] 20
```

(3) find rounded (5 decimals), floor, and ceiling of: 1.0005678

```
x <- 1.0005678
round(x, 5)
```

```
## [1] 1.00057
```

```
floor(x)
```

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

```
ceiling(x)
```

```
## [1] 2
```

(4) print the patient's name of "DANIEL" in lowercase (note that the original string is in uppercase)

```
patient <- "DANIEL"
print(tolower(patient))
```

```
## [1] "daniel"
```

(5) concatenate and print three diagnosis names of "Diabetes", "Peripheral Artery Disease", "Intermittent Claudication" separated by this character " > "

```
print(paste('Diabetes', 'Peripheral Artery Disease', 'Intermittent Claudication', sep = ' > '))
```

```
## [1] "Diabetes > Peripheral Artery Disease > Intermittent Claudication"
```