RWorksheet_SADSAD#2b

Missy Key Sadsad

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```
#1. There is a built-in vector LETTERS contains the uppercase letters of the alphabet and letters which

#a
elevenLetters <- LETTERS[1:11]
elevenLetters
```

```
##  [1] "A" "B" "C" "D" "E" "F" "G" "H" "I" "J" "K"
```

```
#b
oddNumLetters<- LETTERS [1:26 %% 2 == 1]
oddNumLetters
```

```
##  [1] "A" "C" "E" "G" "I" "K" "M" "O" "Q" "S" "U" "W" "Y"
```

```
#c.
vowels <- LETTERS [c(1,5,9,15,21)]
vowels
```

```
## [1] "A" "E" "I" "O" "U"
```

```
#d
smolLetter <- letters
smolLetter
```

```
##  [1] "a" "b" "c" "d" "e" "f" "g" "h" "i" "j" "k" "l" "m" "n" "o" "p" "q" "r" "s"
## [20] "t" "u" "v" "w" "x" "y" "z"
```

```
#e.
peepLetter <- letters[15:24]
peepLetter
```

```
##  [1] "o" "p" "q" "r" "s" "t" "u" "v" "w" "x"
```

```
#2.Create a vector(not a dataframe) with the average temperatures in April for Tugue-garao City, Manila

#a.
city <- c("Tugue-garao City", "Manila", "Iloilo City", "Tacloban", "Samal Island", "Davao City")
city
```

```
#b.
temp <- c(42, 39, 34, 34, 30, 27)
temp #[1] 42 39 34 34 30 27

#c.
cityTemp <- data.frame(city,temp)
cityTemp #The cityTemp data frame has two columns: "city" and "temp." The "city" column contains the ci

#d.
colnames(cityTemp) <- c("City", "Temperature")
col_names <- colnames(cityTemp)
col_names

#e.
str(cityTemp)

#f
row_3 <- cityTemp[3,]
row_3
row_4 <- cityTemp[4,]
row_4
# g. From the answer in d, display the city with highest temperature and the city with the lowest tempe
# min((data.frame)cityTemp)

‘‘‘
```