Worksheet3 RMarkdown

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```r
1.
```

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

```r
#a.
LETTERS[1:11]
```

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

```r
#b.
LETTERS[c(1,3,5,7,9,11,13,15,17,19,21)]
```

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

```r
#c.
LETTERS[c(1,5,9,15,21)]
```

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

```r
#d.
letters[26:22]
```

```
## [1] "z" "y" "x" "w" "v"
```

```r
#e.
letters[c(15:24)]
```

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

```r
2.
```

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

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

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

```r
#c.
dataframe <- data.frame(city, temp)
```

```r
#d.
names(dataframe) <- c("City", "Temperature")
```

```r
#e. The structure shows it is a dataframe with 6 observations (rows) of 2 variables (columns)
```

```r
#f.
dataframe[c(3,4),]
```

```
##            City Temperature
```

```
## 3 Iloilo City          34
## 4    Tacloban         34
```

```r
#g.
dataframe[dataframe$Temperature == max(dataframe$Temperature), "City"]
```

```
## [1] "Tuguegarao City"
```

```r
dataframe[dataframe$Temperature == min(dataframe$Temperature), "City"]
```

```
## [1] "Davao City"
```