

RWorksheet_Tamayor#3a

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R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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
```

Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

LETTERS

```

UppercaseLetter <- LETTERS [1:26] UppercaseLetter
letters
LowercaseLetter <- letters [1:26] LowercaseLetter
LETTERS
#a.first 11 letters
first11letters <- LETTERS [1:11] first11letters
#b. odd numbered letters
odddnumberletters <- LETTERS[seq(from=1, to=length (LETTERS),by=2)] oddnumberletters
#c. vowels
vowels <- LETTERS[c(1,5,9,15,21)] vowels
#d. last 5 lowercase letter
LowercaseLetter <- letters [22:26] LowercaseLetter
#e letters between 15 to 24 letters in lowercase
LowercaseLetter <- letters[15:24] LowercaseLetter
#2. average temperatures in April for Tuguegarao City, Manila, Iloilo City, Tacloban, Samal Island, and
Davao City. The average temperatures in Celcius are 42, 39, 34, 34, 30, and 27 degrees.
#a. Creating a character vector for the city/town
city <- c("Tuguegarao City", "Manila", "Iloilo City", "Tacloban", "Samal Island", "Davao City") city
#output [1] "Tuguegarao City" "Manila" "Iloilo City" "Tacloban" "Samal Island" "Davao City"
#b. The average temperatures in Celcius are 42, 39, 34, 34, 30, and 27 degrees.
temp <- c(42, 39, 34, 34, 30, 27) temp
#output [1] 42 39 34 34 30 27
#c. Create a dataframe to combine the city and the temp by using 'data.frame()'. What the R code and its
result?

```