

Rworksheet_Esmalla#4b

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#1 Using the for loop, create an R script that will display a 5x5 matrix as shown in Figure 1. It must

```
vec_A <- c(1,2,3,4,5)
zero_matrix <- matrix(0,nrow=5,ncol=5)
matrix_result <- rbind(vec_A,zero_matrix)
print(matrix_result)
```

```
##      [,1] [,2] [,3] [,4] [,5]
## vec_A  1   2   3   4   5
##        0   0   0   0   0
##        0   0   0   0   0
##        0   0   0   0   0
##        0   0   0   0   0
```

#2 Print the string "" using for() function. The output should be the same as shown in Figure*

#3 Get an input from the user to print the Fibonacci sequence starting from the 1st input up to 500. Us

#4 Import the dataset as shown in Figure 1 you have created previously.

#a. What is the R script for importing an excel or a csv file? Display the first 6 rows of the dataset?

#b. Create a subset for gender(female and male). How many observations are there in Male? How about in

```

#5

# data
income <- c(60, 10, 5, 25)

# labels and colors
labels <- c("Food", "Electricity", "Savings", "Miscellaneous")
colors <- c("#9B59B6", "#3498DB", "#2ECC71", "#F1C40F")

# pie chart
pie(income, labels = labels, col = colors)
title(main = "Monthly Expenses of Dela Cruz Family")

```

Monthly Expenses of Dela Cruz Family

