A picture containing text, electronics

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**المملكة العربية السعودية**

**وزارة التعليم**

**جامعة الملك خالد**

**كلية علوم الحاسب الالي**

**KINGDOM OF SAUDI ARIBIA**

**Ministry of Education**

**King Khalid University**

**College of Computer Science**

**373CIS-4: Data Mining**

**Activity 1: Bank Case Study**

***Instructions:***

* There are **5 marks** for the activity.
* Submit the screen shots of your activity on the black board.
* Provide brief description if necessary.
* Fill the following table:

|  |  |
| --- | --- |
| Name | Student ID no. |
|  |  |

***Question: Open the Rstudio software and do the following:***

1. Create the following Table in Excel:

Graphical user interface, application

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1. Install the necessary packages and loading your data into R
2. Define the monthly sum of expenses and entries
3. Visualize your data with ggplot2 as following:

* Number of movements per month
* The sum of expenditure per month
* The sum of income per month