



UNIVERSIDAD AUTÓNOMA DE AGUASCALIENTES  
CURSO INTERSEMESTRAL: MACHINE Y DEEP LEARNING

ACTIVIDAD 1 01. INSTALACIÓN DE R Y R ESTUDIO

DOCENTE:

FRANCISCO JAVIER LUNA ROSAS

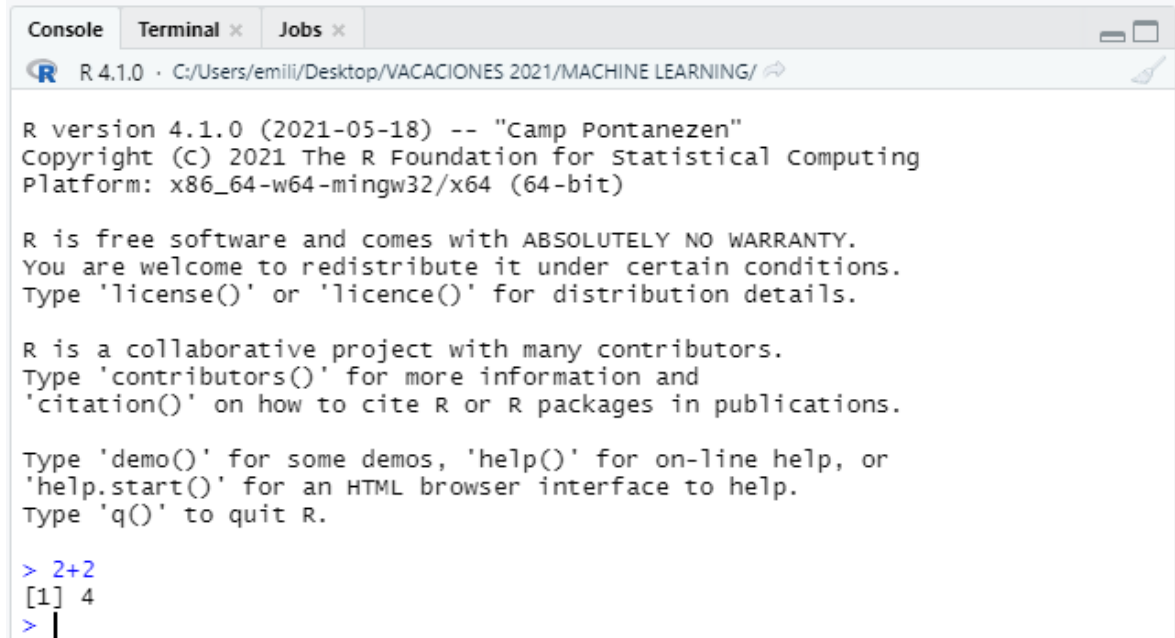
ALUMNO:

EMILIO LUNA PÉREZ, ID:244182

JUNIO-AGOSTO DE 2021

## Evidencias de la Practica

El alumno deberá instalar R y R-Studio en su computadora. El alumno deberá mostrar evidencia de la instalación y de la ejecución de algunos comandos de R.



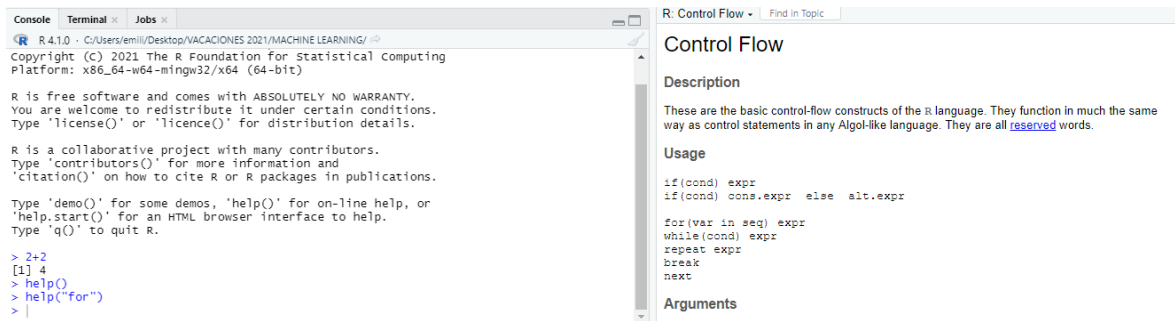
```
R version 4.1.0 (2021-05-18) -- "Camp Pontanezen"
Copyright (C) 2021 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> 2+2
[1] 4
>
```



```
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'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> 2+2
[1] 4
> help()
> help("for")
>
```

**R: Control Flow**

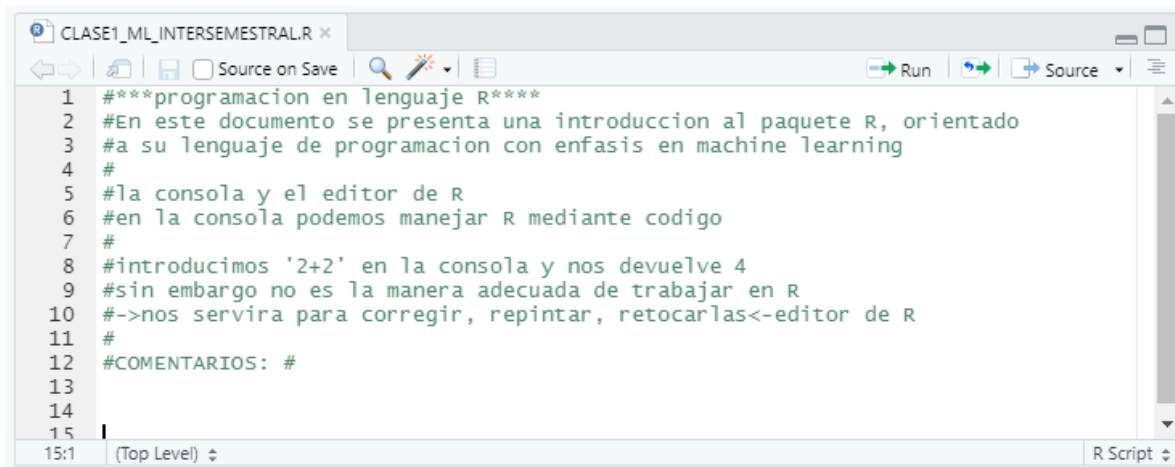
**Description**

These are the basic control-flow constructs of the R language. They function in much the same way as control statements in any Algol-like language. They are all [reserved](#) words.

**Usage**

```
if(cond) expr
if(cond) cons.expr else alt.expr
for(var in seq) expr
while(cond) expr
repeat expr
break
next
```

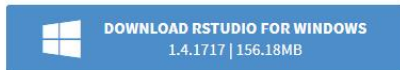
**Arguments**



```
1  ****programacion en lenguaje R****
2  #En este documento se presenta una introduccion al paquete R, orientado
3  #a su lenguaje de programacion con enfasis en machine learning
4  #
5  #la consola y el editor de R
6  #en la consola podemos manejar R mediante codigo
7  #
8  #introducimos '2+2' en la consola y nos devuelve 4
9  #sin embargo no es la manera adecuada de trabajar en R
10 #->nos servira para corregir, repintar, retocarlas<-editor de R
11 #
12 #COMENTARIOS: #
13
14
15
```

## RStudio Desktop 1.4.1717 - Release Notes

1. Install R. RStudio requires R 3.0.1+.
2. Download RStudio Desktop. Recommended for your system:



Requires Windows 10 (64-bit)



R-4.1.0 for Windows (32/64 bit)

[Download R 4.1.0 for Windows](#) (86 megabytes, 32/64 bit)

[Installation and other instructions](#)  
[New features in this version](#)

If you want to double-check that the package you have downloaded matches the package distributed by CRAN, you can compare the [md5sum](#) of the .exe to the [fingerprint](#) on the master server. You will need a version of md5sum for windows: both [graphical](#) and [command line versions](#) are available.

### Frequently asked questions

- [Does R run under my version of Windows?](#)
- [How do I update packages in my previous version of R?](#)
- [Should I run 32-bit or 64-bit R?](#)

Please see the [R FAQ](#) for general information about R and the [R Windows FAQ](#) for Windows-specific information.

### Other builds

- Patches to this release are incorporated in the [r-patched snapshot build](#).
- A build of the development version (which will eventually become the next major release of R) is available in the [r-devel snapshot build](#).
- [Previous releases](#)

Note to webmasters: A stable link which will redirect to the current Windows binary release is  
[<CRAN.MIRROR>/bin/windows/base/release.html](#).

Last change: 2021-05-18

## Conclusiones

La instalación de este entorno de desarrollo integrado (IDE) me pareció fácil, a la hora de compilar el programa no fue pesado para mi computadora, ya que, a comparación con otros entornos como Visual Estudio, hacen que se ralentice el equipo. Nunca había programado en R, pero conozco algunos lenguajes de computación, por lo que considero que no será difícil, sino algo abstracto, pero claro reconozco que los lenguajes de programación tienen diferentes sintaxis.

## Referencias

Gonzalez Gouveia (2020). DESCARGAR e instalar R y R-Studio 2021 [Vídeo]. De YouTube. Sitio web: <https://youtu.be/Nmu4WPdJBRO>

Download R-4.1.0 for Windows. (2021). The R-project for statistical computing. Consultado en junio 21, 2021, de R-project.org Sitio web: <https://cran.r-project.org/bin/windows/base/>

Download the RStudio IDE. (2021). Consultado en junio 21, 2021, de Rstudio.com Sitio web: <https://www.rstudio.com/products/rstudio/download/>