Asignación 1: Primer análisis en R

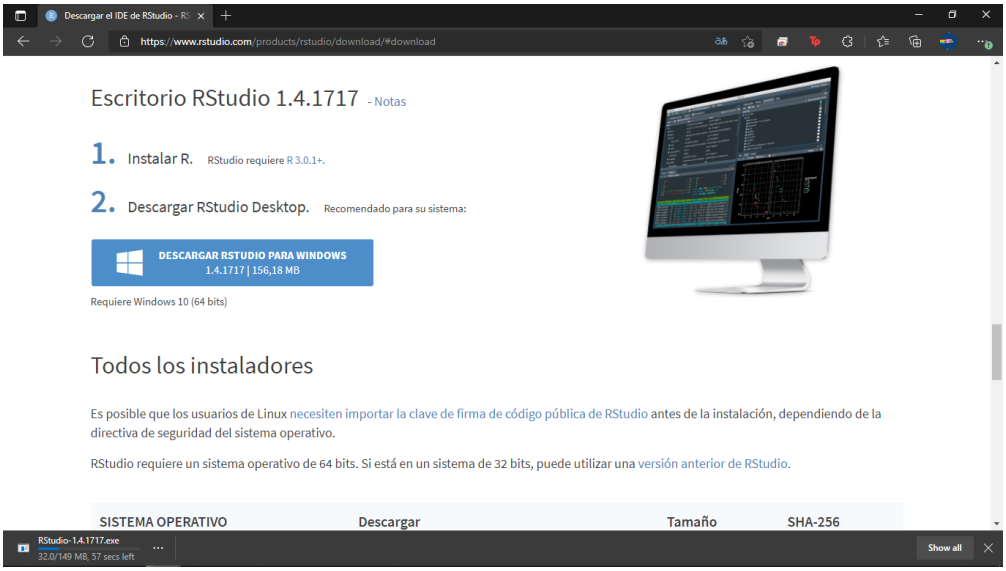
Itzel Gpe Reta Heredia

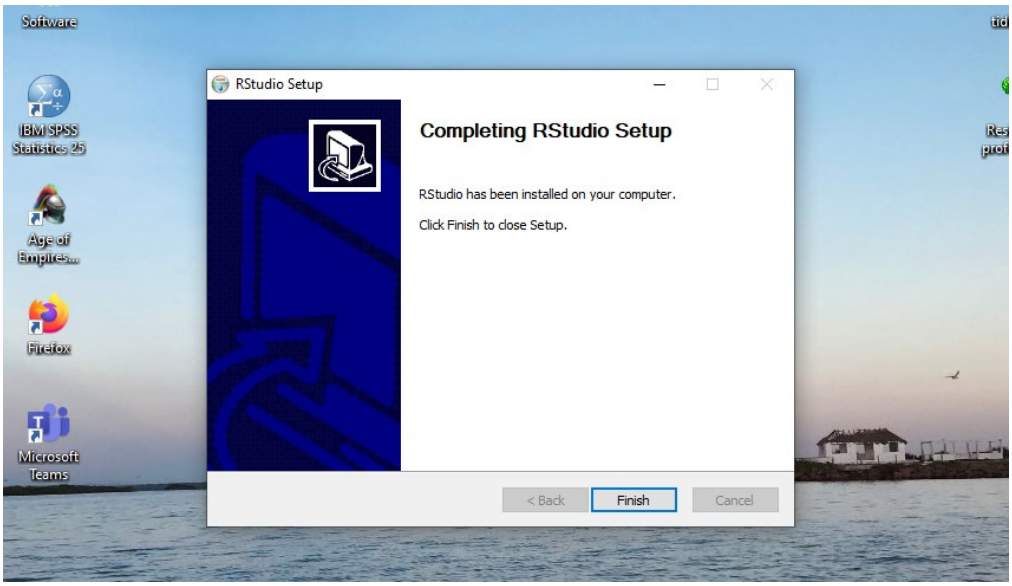
Matricula: 2124992

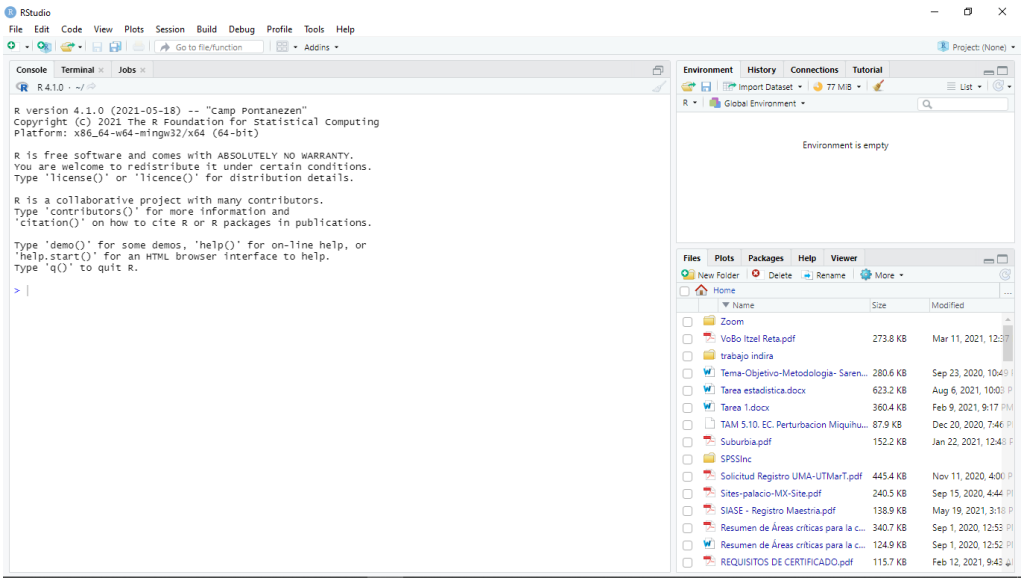
9 de agosto del 2021

RStudio

Descarga e instalación del programa

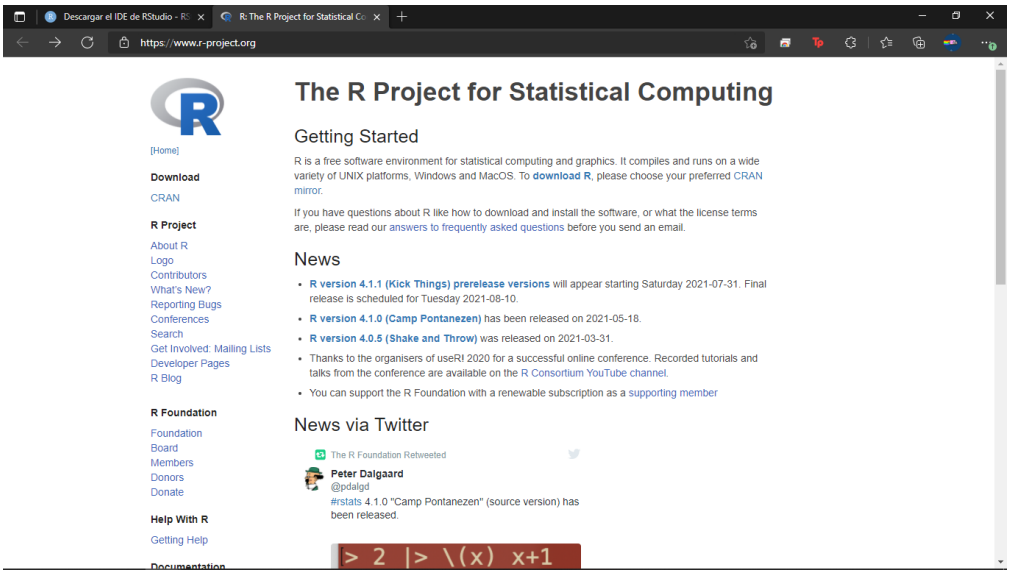


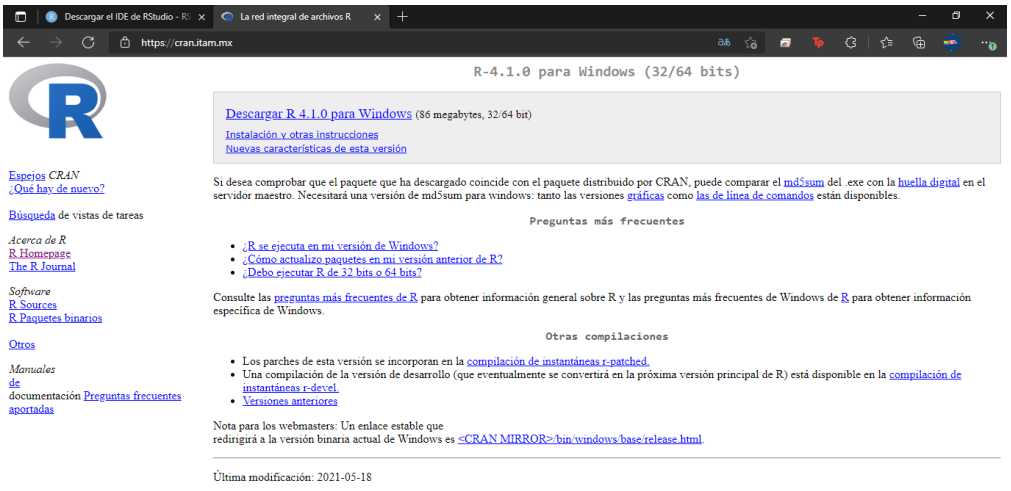


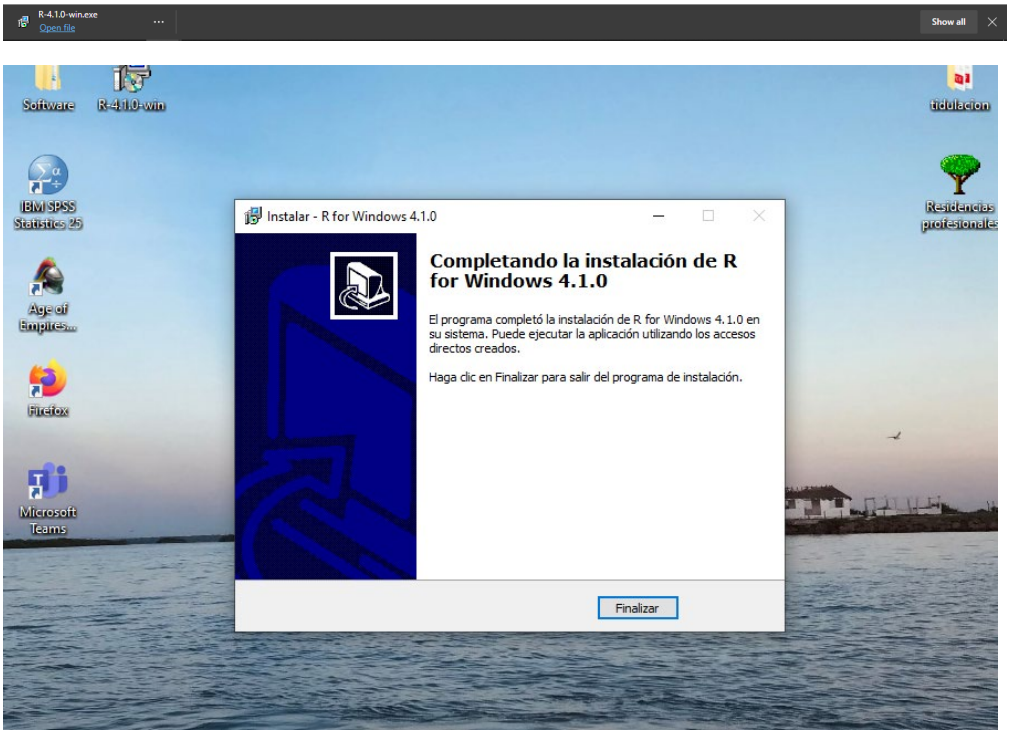


R

Descarga e instalación del programa



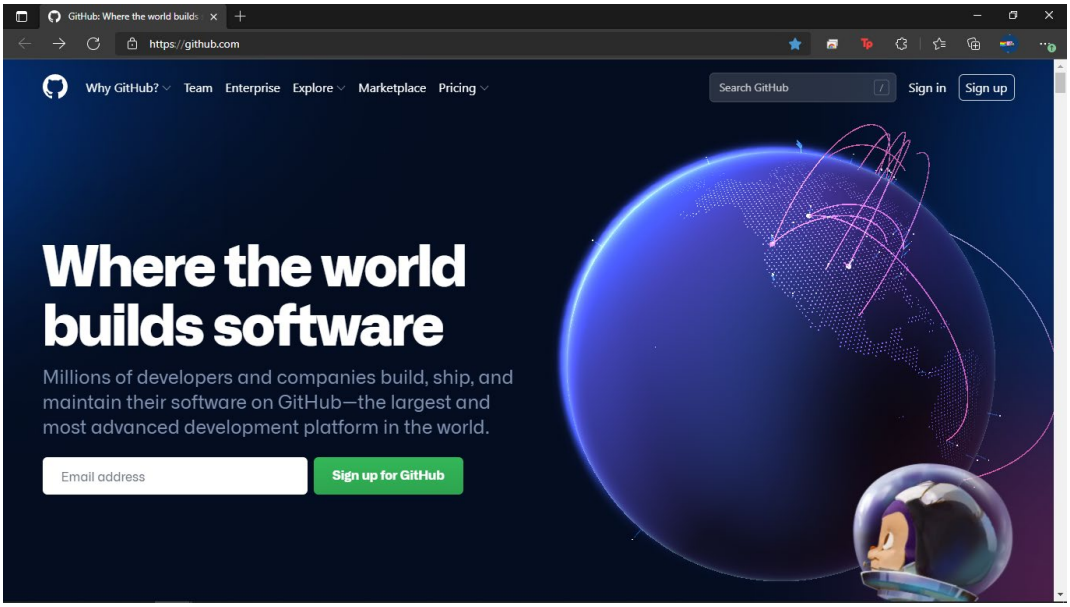


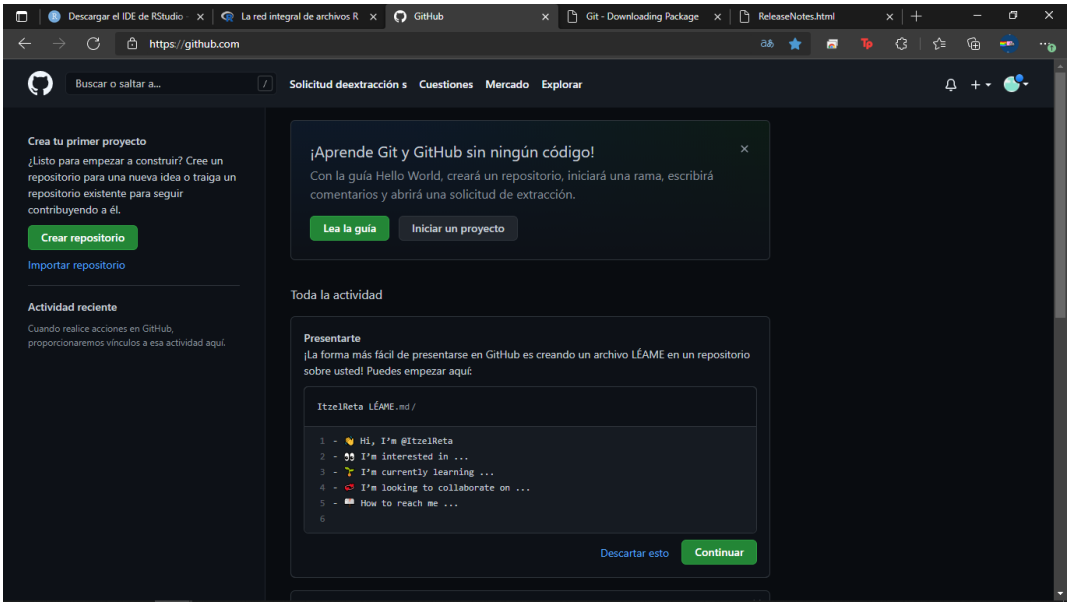


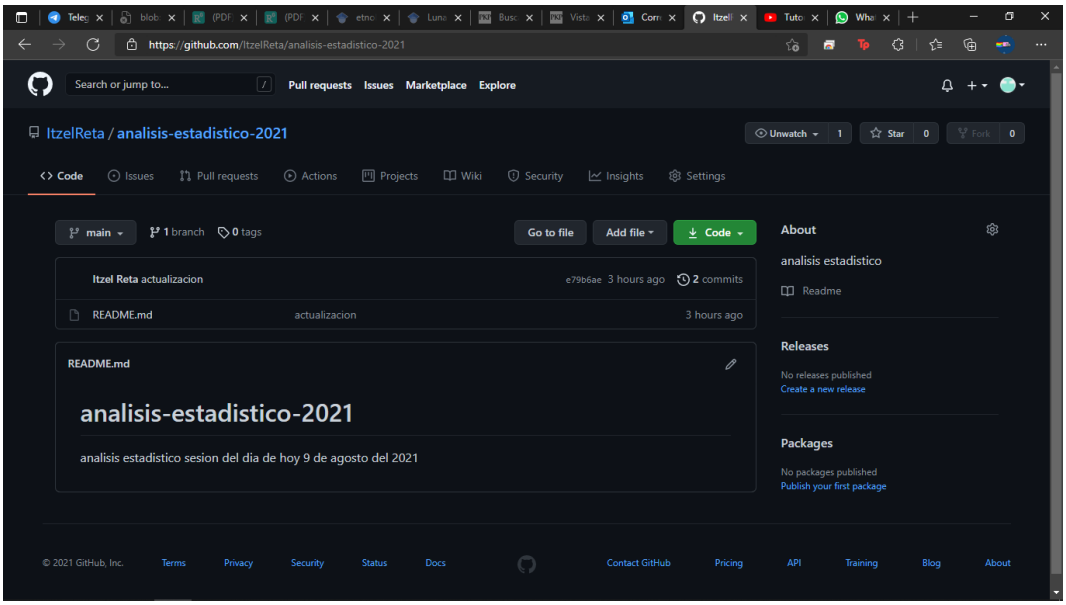
GitHub

Creación de la cuenta en la plataforma GitHub el 8/6/2021

Usuario: ItzelReta

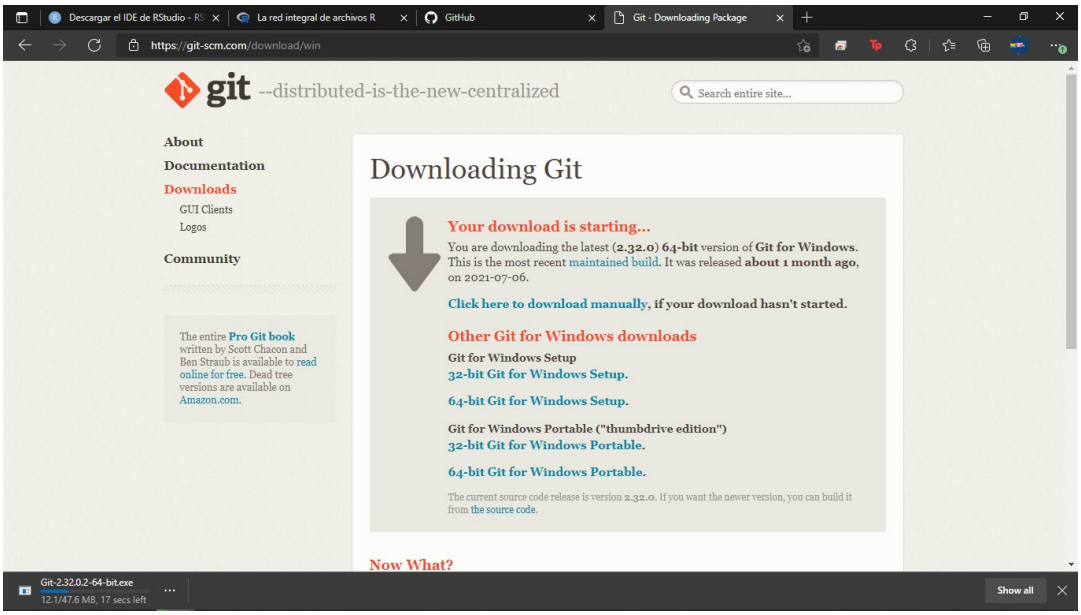

GitHub: Where the world builds
https://github.com
Why GitHub?
Team
Enterprise
Explore
Marketplace
Pricing
Search GitHub
Sign in
Sign up
Where the world builds software
Millions of developers and companies build, ship, and maintain their software on GitHub—the largest and most advanced development platform in the world.
Email address
Sign up for GitHub

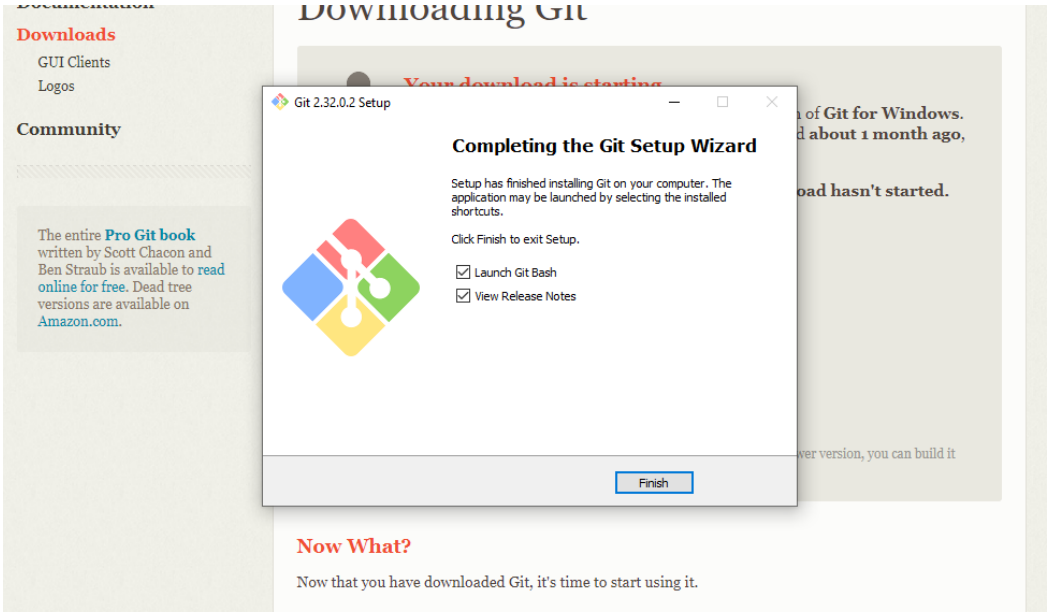

Descargar el IDE de RStudio
La red integral de archivos R
GitHub
Git - Downloading Package
ReleaseNotes.html
https://github.com
Buscar o saltar a...
Solicitud deextracción s
Cuestiones
Mercado
Explorar
Crea tu primer proyecto
¿Listo para empezar a construir? Cree un repositorio para una nueva idea o traiga un repositorio existente para seguir contribuyendo a él.
Crear repositorio
Importar repositorio
Actividad reciente
Cuando realice acciones en GitHub, proporcionaremos vínculos a esa actividad aquí.
¡Aprende Git y GitHub sin ningún código!
Con la guía Hello World, creará un repositorio, iniciará una rama, escribirá comentarios y abrirá una solicitud de extracción.
Lea la guía
Iniciar un proyecto
Toda la actividad
Presentarte
¡La forma más fácil de presentarse en GitHub es creando un archivo LÉAME en un repositorio sobre usted! Puedes empezar aquí:
ItzelReta LÉAME.md
1 - 👋 Hi, I'm @ItzelReta
2 - 👀 I'm interested in ...
3 - 🌱 I'm currently learning ...
4 - 💞 I'm looking to collaborate on ...
5 - 📫 How to reach me ...
6
Descartar esto
Continuar

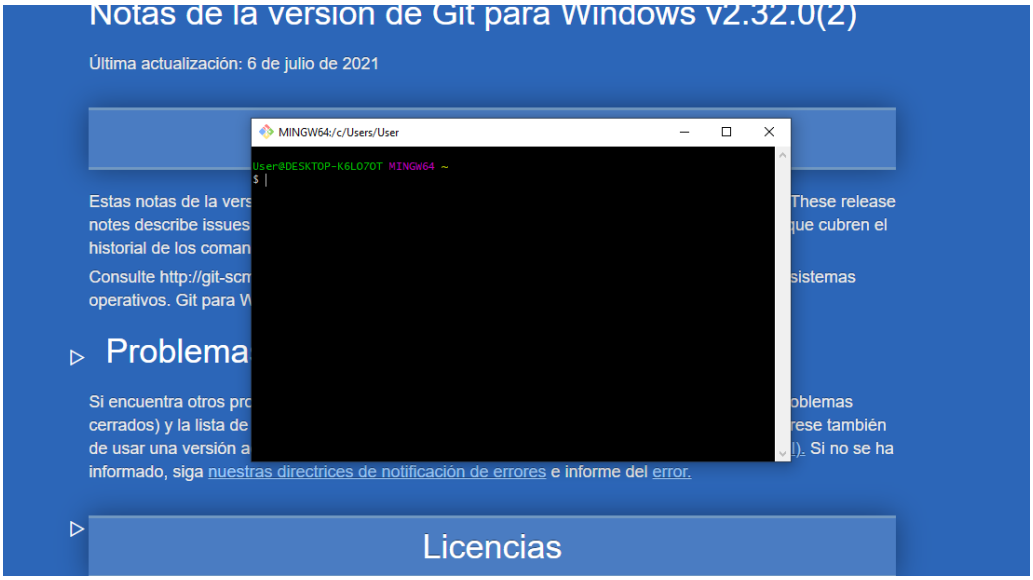


Git

Descarga e instalación del programa

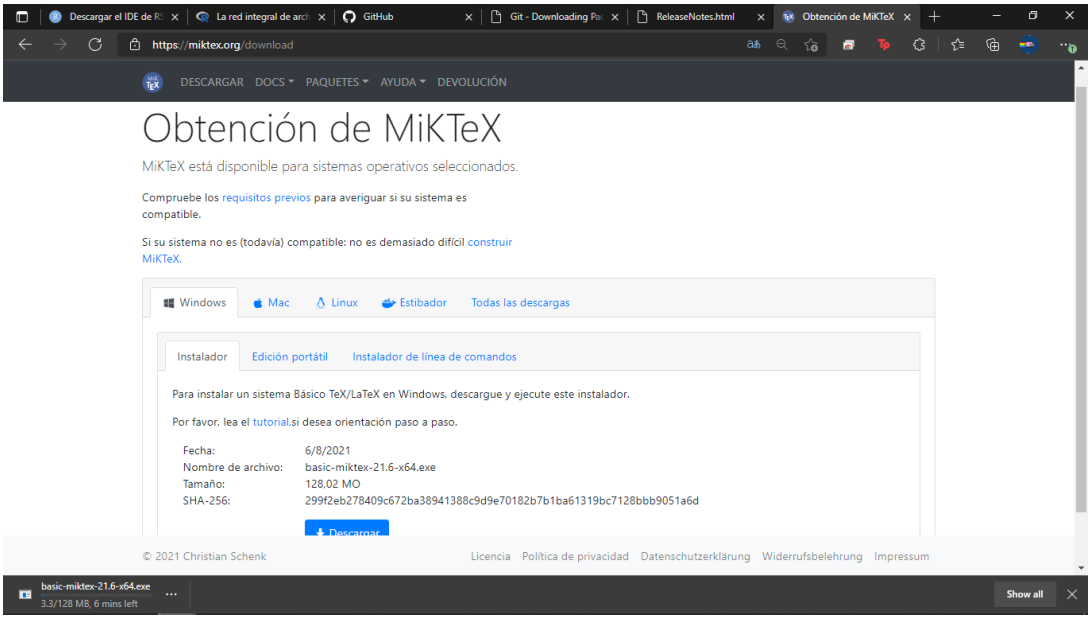


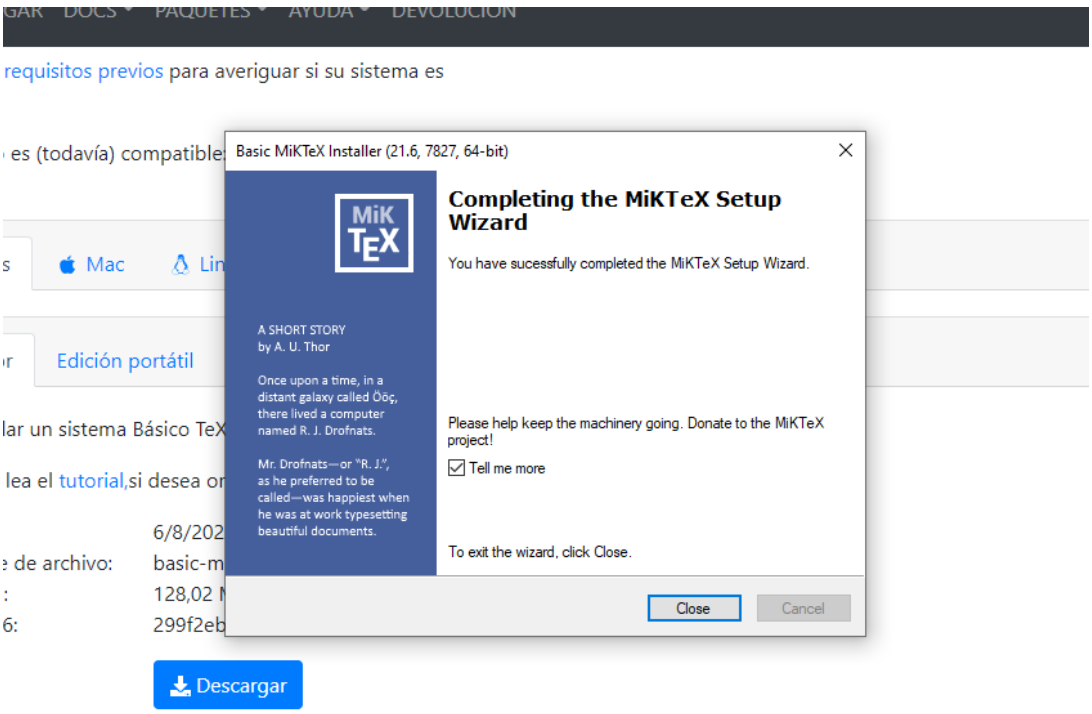

Downloads
GUI Clients
Logos
Community
The entire Pro Git book written by Scott Chacon and Ben Straub is available to read online for free. Dead tree versions are available on Amazon.com.
Git 2.32.0.2 Setup
Completing the Git Setup Wizard
Setup has finished installing Git on your computer. The application may be launched by selecting the installed shortcuts.
Click Finish to exit Setup.
Launch Git Bash
View Release Notes
Finish
Now What?
Now that you have downloaded Git, it's time to start using it.

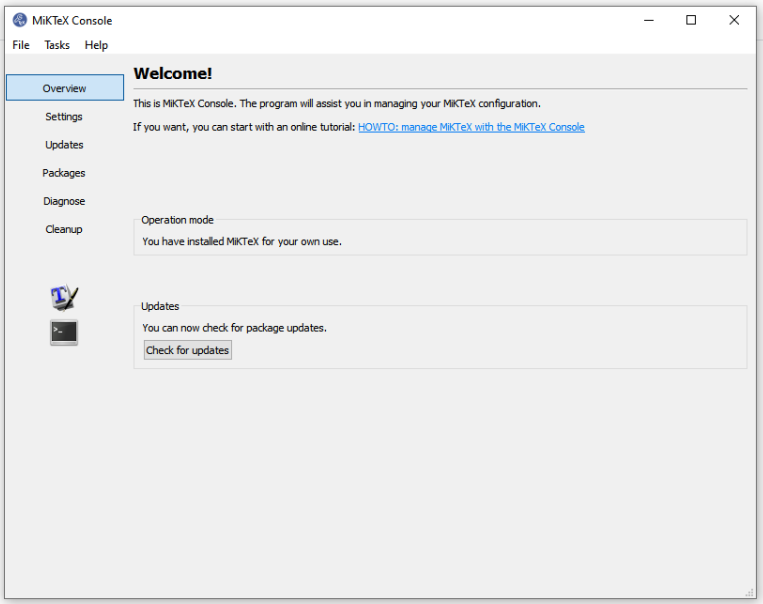

Notas de la versión de Git para Windows v2.32.0(2)
Última actualización: 6 de julio de 2021
MINGW64:/c/Users/User
User@DESKTOP-K6LO7OT MINGW64 ~
$
Problema
Licencias

MikTex

Descarga e instalación del programa





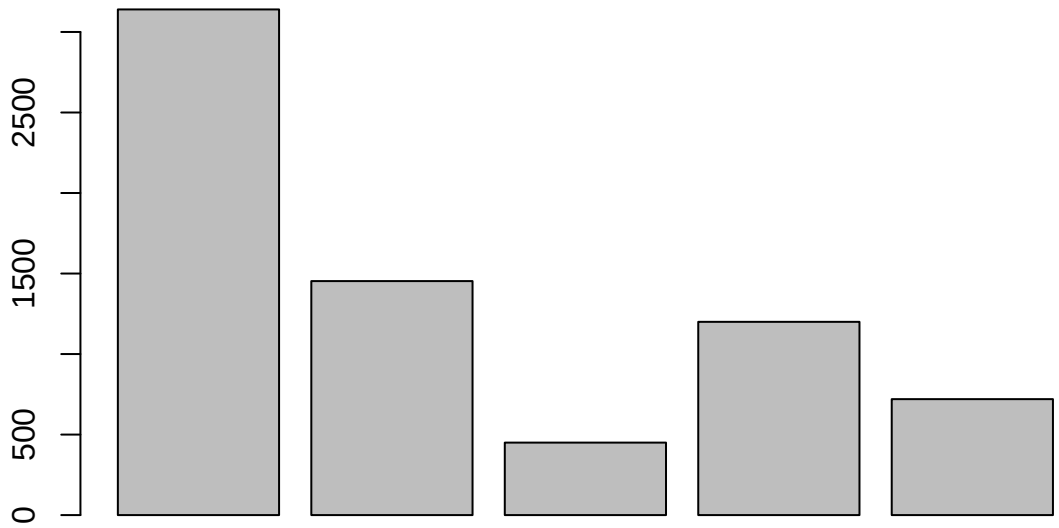

MiKTeX Console
File
Tasks
Help
Overview
Settings
Updates
Packages
Diagnose
Cleanup
Welcome!
This is MiKTeX Console. The program will assist you in managing your MiKTeX configuration.
If you want, you can start with an online tutorial: HOWTO: manage MiKTeX with the MiKTeX Console
Operation mode
You have installed MiKTeX for your own use.
Updates
You can now check for package updates.
Check for updates

Tarea-1.R

User

2021-08-11

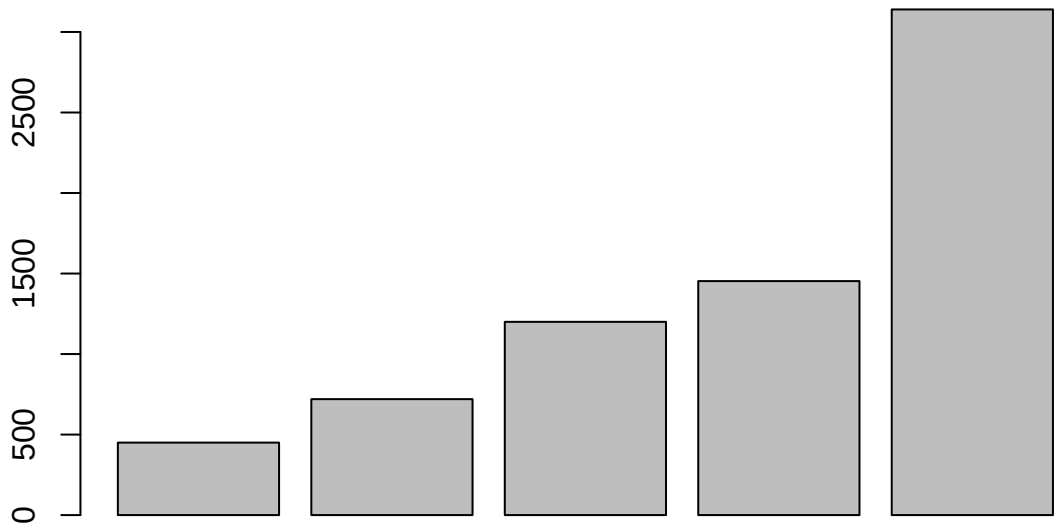
```
# Itzel Guadalupe Reta Heredia
# 11 de agosto del 2021
# 2124992
###################


# Problema 1 ------------------------------------------------------------

Pinnus <- 3140
Mezquite <- 1453
Encinos <- 450
Teka <- 1200
Juniperos <- 720

superficie <-c(Pinnus, Mezquite, Encinos, Teka, Juniperos)

barplot(superficie)
```




```
sort(superficie)
```

```
## [1]  450  720 1200 1453 3140
```

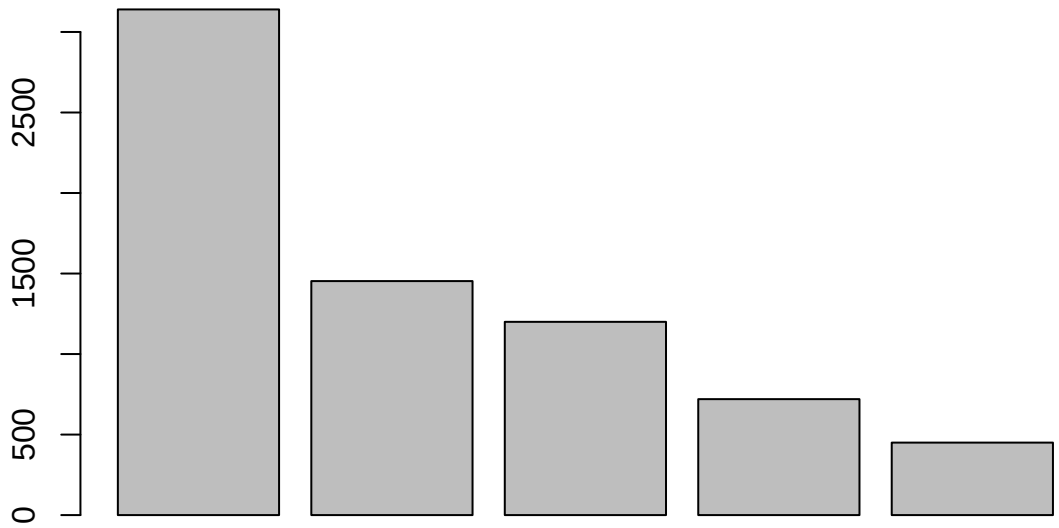
```
Superficie <- sort(superficie)
barplot(Superficie)
```




```
sort(Superficie, decreasing = TRUE)
```

```
## [1] 3140 1453 1200  720  450
```

```
Superficiee <- sort(Superficie, decreasing = TRUE)
barplot(Superficiee)
```




```
mean(Superficiee)
```

```
## [1] 1392.6
```

```
# La media de la variable sueprficie es: 1392.6


# Problema 2 ------------------------------------------------------------

caj1 <- 4
caj2 <- 1
caj3 <- 6
caj4 <- 2
caj5 <- 4
caj6 <- 2
caj7 <- 4
caj8 <- 2
caj9 <- 4
caj10 <- 6
caj11 <- 3
caj12 <- 5
Caj13 <- 3
caj14 <- 2
caj15 <- 5
caj16 <- 4
caj17 <- 0
caj18 <- 5
```

```r
caj19 <- 4
caj20 <- 2
caj21 <- 4
caj22 <- 5
caj23 <- 3
caj24 <- 5
caj25 <- 3
caj26 <- 5
caj27 <- 4
caj28 <- 3
caj29 <- 6
caj30 <- 2

germinacion <- c(caj1, caj2, caj3, caj4, caj5, caj6, caj7, caj8, caj9, caj10, caj11, caj12, Caj13, caj1

#Media
mean(germinacion)
```

```
## [1] 3.6
```

```r
#Desviacion standar
sd(germinacion)
```

```
## [1] 1.522249
```

```r
# Problema 3 ------------------------------------------------------------

pros1 <- 38
pros2 <- 14
pros3 <- 44
pros4 <- 11
pros5 <- 9
pros6 <- 21
pros7 <- 39
pros8 <- 28
pros9 <- 41
pros10 <- 4
pros11 <- 35
pros12 <- 24
pros13 <- 36
pros14 <- 12
pros15 <- 20
pros16 <- 31
pros17 <- 24
pros18 <- 25
pros19 <- 10
pros20 <- 21
pros21 <- 11
pros22 <- 36
pros23 <- 37
pros24 <- 20
pros25  <- 26

altura <- c(pros1, pros2, pros3, pros4, pros5, pros6, pros7, pros8, pros9, pros10, pros11, pros12, pros
#Media
```

```r
mean(altura)
```

```
## [1] 24.68
```

```r
#Desviacion standar
sd(altura)
```

```
## [1] 11.54599
```