"GitHub SSH"

:: UNIDAD 2: Características del desarrollo de programas para dispositivos móviles

:: ACTIVIDAD COMPLEMENTARIA 3

MATERIA: .: PROGRAMACIÓN DE DISPOSITIVOS MÓVILES :.

CLAVE: 1668

LICENCIATURA EN INFORMÁTICA

PLAN 2012
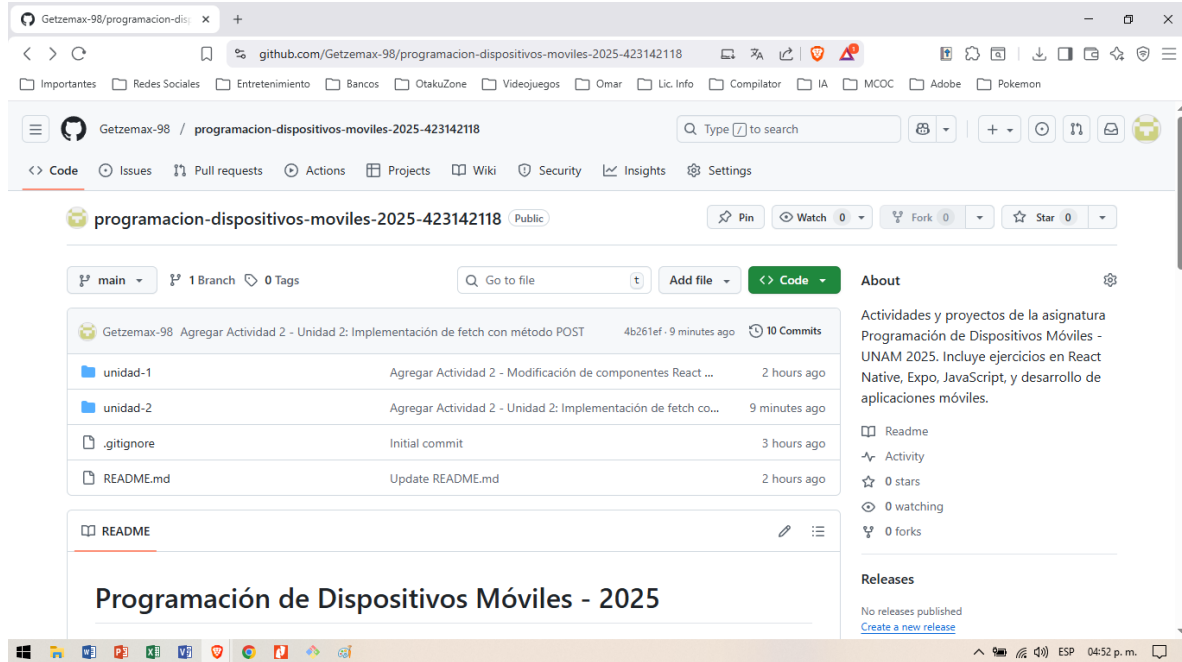
REALIZO: Emmanuel Alejandro Pérez Hernández

No. 423142118

Grupo: 8691

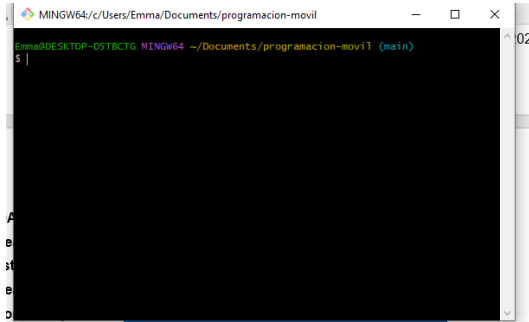ASESOR: MARTINEZ FERNANDEZ JUAN MANUEL

sábado, 1 de noviembre de 2025

UNIDAD 2. Actividad Complementaria 3

a) Crea una cuenta en Github.

Creación de cuenta de GitHub
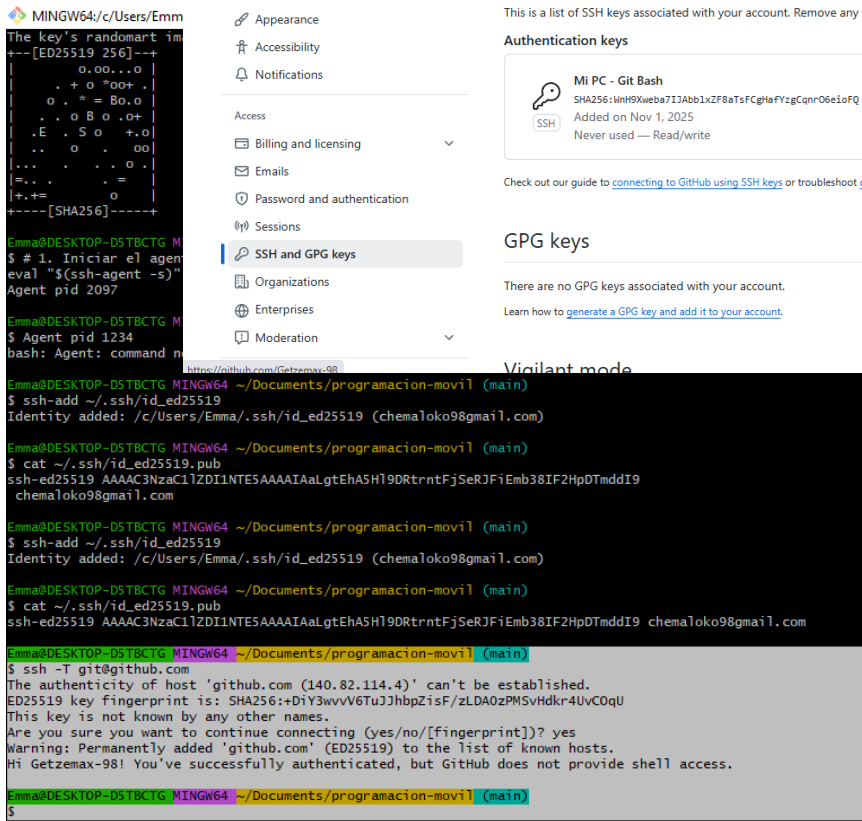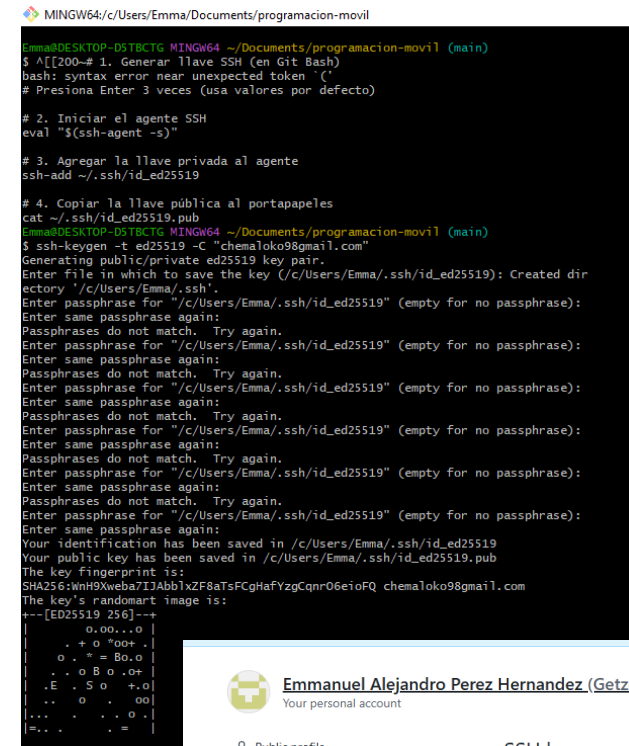
b) Instala Gitbash si usas Windows sin WSL.

c) Crea y configura una llave SSH para Github.

```
Emma@DESKTOP-D5TBCTG MINGW64 ~/Documents/programacion-movil (main)
$ ^[[200~# 1. Generar llave SSH (en Git Bash)
bash: syntax error near unexpected token `('
# Presiona Enter 3 veces (usa valores por defecto)

# 2. Iniciar el agente SSH
eval "$(ssh-agent -s)"

# 3. Agregar la llave privada al agente
ssh-add ~/.ssh/id_ed25519

# 4. Copiar la llave pública al portapapeles
cat ~/.ssh/id_ed25519.pub
Emma@DESKTOP-D5TBCTG MINGW64 ~/Documents/programacion-movil (main)
$ ssh-keygen -t ed25519 -C "chemaloko98gmail.com"
Generating public/private ed25519 key pair.
Enter file in which to save the key (/c/Users/Emma/.ssh/id_ed25519): Created dir
ectory '/c/Users/Emma/.ssh'.
Enter passphrase for "/c/Users/Emma/.ssh/id_ed25519" (empty for no passphrase):
Enter same passphrase again:
Passphrases do not match.  Try again.
Enter passphrase for "/c/Users/Emma/.ssh/id_ed25519" (empty for no passphrase):
Enter same passphrase again:
Passphrases do not match.  Try again.
Enter passphrase for "/c/Users/Emma/.ssh/id_ed25519" (empty for no passphrase):
Enter same passphrase again:
Passphrases do not match.  Try again.
Enter passphrase for "/c/Users/Emma/.ssh/id_ed25519" (empty for no passphrase):
Enter same passphrase again:
Passphrases do not match.  Try again.
Enter passphrase for "/c/Users/Emma/.ssh/id_ed25519" (empty for no passphrase):
Enter same passphrase again:
Passphrases do not match.  Try again.
Enter passphrase for "/c/Users/Emma/.ssh/id_ed25519" (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/Emma/.ssh/id_ed25519
Your public key has been saved in /c/Users/Emma/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:WnH9Xweba7IJAbblxZF8aTsFCgHafYzgCqnrO6eioFQ chemaloko98gmail.com
The key's randomart image is:
+--[ED25519 256]--+
|           o.oo...o |
|        . + o *oo+ .|
|         o . * = Bo.o |
|       . . o B o .o+ |
|      .E . S o   +.o|
|        .   o     oo|
|...        . . o .|
```

Se generó una llave SSH usando Git Bash

La llave pública se agregó a la cuenta de GitHub

Se verificó la conexión con ssh -T git@github.com

La autenticación fue exitosa, confirmando la configuración correcta

```
The key's randomart im
+--[ED25519 256]--+
|          o.oo...o |
|       . + o *oo+ .|
|        o . * = Bo.o |
|      . . o B o .o+ |
|     .E . S o   +.o|
|       .   o     oo|
|...        . . o .|
|+.+=         . = |
|+.+=         o   |
+----[SHA256]-----+

Emma@DESKTOP-D5TBCTG M
$ # 1. Iniciar el agen
eval "$(ssh-agent -s)"
Agent pid 2097

Emma@DESKTOP-D5TBCTG M
$ Agent pid 1234
bash: Agent: command n
```

Emmanuel Alejandro Perez Hernandez (Getzemax-98)
Your personal account

Go to your personal profile

- A Public profile
- ⚙ Account
- ✎ Appearance
- ⚘ Accessibility
- 🔔 Notifications

Access

- 🗄 Billing and licensing
- ✉ Emails
- 🛡 Password and authentication
- ((•)) Sessions
- 🔑 SSH and GPG keys
- 🏢 Organizations
- 🌐 Enterprises
- 💬 Moderation

https://github.com/Getzemax-98

SSH keys

New SSH key

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

Authentication keys

🔑 SSH **Mi PC - Git Bash**
SHA256:WnH9Xweba7IJAbblxZF8aTsFCgHafYzgCqnrO6eioFQ
Added on Nov 1, 2025
Never used — Read/write

Delete

Check out our guide to connecting to GitHub using SSH keys or troubleshoot common SSH problems.

GPG keys

New GPG key

There are no GPG keys associated with your account.

Learn how to generate a GPG key and add it to your account.

Vigilant mode

```
Emma@DESKTOP-D5TBCTG MINGW64 ~/Documents/programacion-movil (main)
$ ssh-add ~/.ssh/id_ed25519
Identity added: /c/Users/Emma/.ssh/id_ed25519 (chemaloko98gmail.com)

Emma@DESKTOP-D5TBCTG MINGW64 ~/Documents/programacion-movil (main)
$ cat ~/.ssh/id_ed25519.pub
ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIAaLgtEhA5Hl9DRtrntFjSeRJFiEmb38IF2HpDTmddI9
 chemaloko98gmail.com

Emma@DESKTOP-D5TBCTG MINGW64 ~/Documents/programacion-movil (main)
$ ssh-add ~/.ssh/id_ed25519
Identity added: /c/Users/Emma/.ssh/id_ed25519 (chemaloko98gmail.com)

Emma@DESKTOP-D5TBCTG MINGW64 ~/Documents/programacion-movil (main)
$ cat ~/.ssh/id_ed25519.pub
ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIAaLgtEhA5Hl9DRtrntFjSeRJFiEmb38IF2HpDTmddI9 chemaloko98gmail.com

Emma@DESKTOP-D5TBCTG MINGW64 ~/Documents/programacion-movil (main)
$ ssh -T git@github.com
The authenticity of host 'github.com (140.82.114.4)' can't be established.
ED25519 key fingerprint is: SHA256:+DiY3wvvV6TuJJhbpZisF/zLDAOzPMSvHdkr4UvCOqU
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
Hi Getzemax-98! You've successfully authenticated, but GitHub does not provide shell access.

Emma@DESKTOP-D5TBCTG MINGW64 ~/Documents/programacion-movil (main)
$
```

d) Clona el repositorio https://github.com/tiempor3al/aplicacion-express.
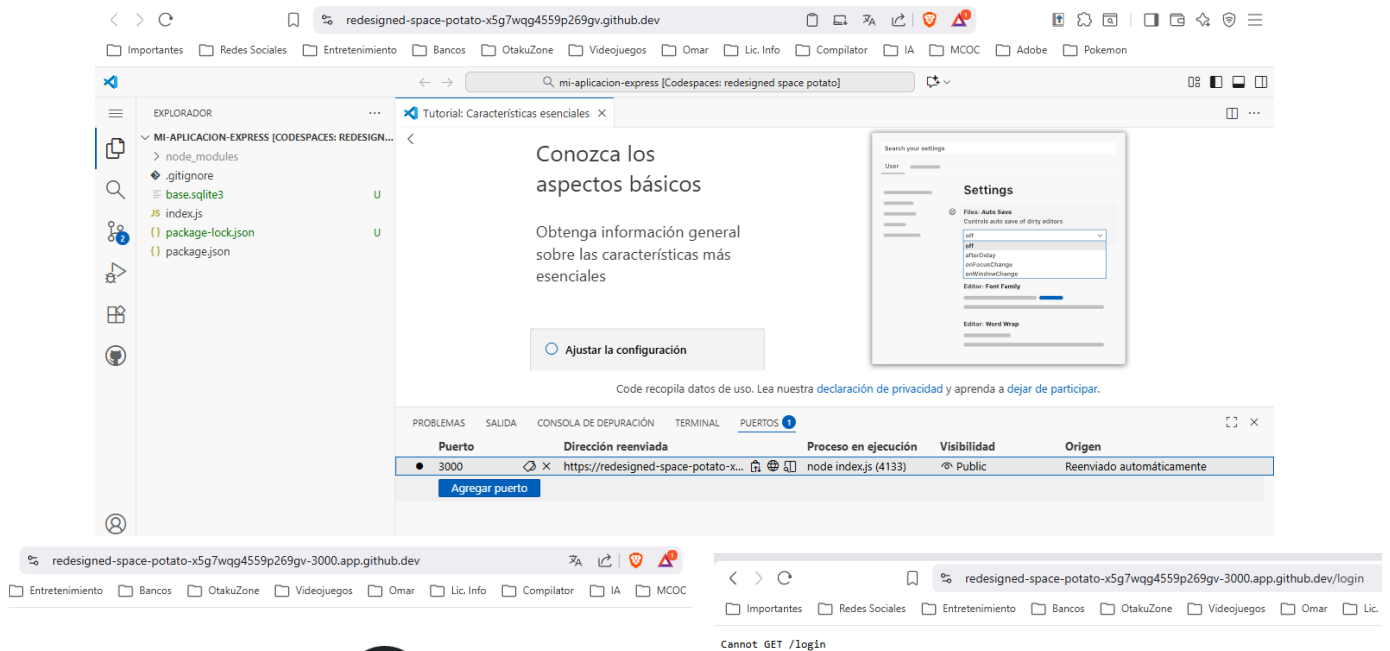

Comando en git para clonar el repositorio dado por el plan de trabajo

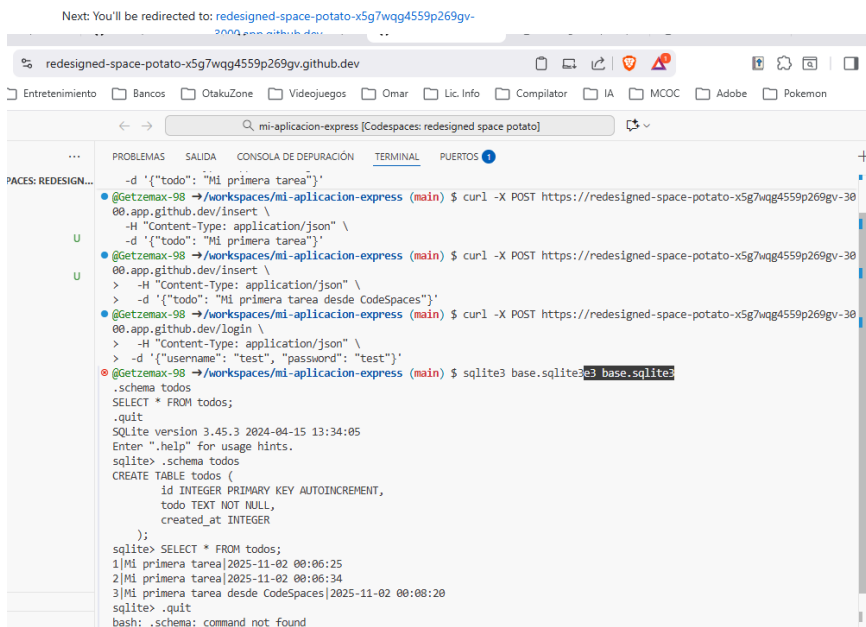**e) Corre la aplicación usando GitHub CodeSpaces y verifica la ruta '/'.**

Repositorio público: mi-aplicacion-express

Sin README inicial

Sin .gitignore inicial (ya teníamos el archivo)

Sin licencia inicial

I. REFERENCIAS BIBLIOGRÁFICAS

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