

# Farrera Mendez Emmanuel Sinai

## Item 1

```
Cloud Shell Editor
(optimal-transit-420321) x + v
Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to optimal-transit-420321.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
sinna01@cloudshell:~ (optimal-transit-420321)$
```

## Item 2

```
Cloud Shell Editor
(optimal-transit-420321) x + v
sinna01@cloudshell:~ (optimal-transit-420321)$ gcloud compute instances list
NAME: instance-20240620-164301
ZONE: us-west1-b
MACHINE_TYPE: n1-standard-1
PREEMPTIBLE:
INTERNAL_IP: 10.138.0.2
EXTERNAL_IP: 34.19.88.155
STATUS: RUNNING
sinna01@cloudshell:~ (optimal-transit-420321)$
```

## Item 3

Filtro Ingresar el nombre o el valor de la propiedad							
<input type="checkbox"/>	Estado	Nombre ↑	Zona	Recomendaciones	En uso por	IP interna	IP externa
<input checked="" type="checkbox"/>		<a href="#">instance-20240620-164301</a>	us-west1-b			10.138.0.2 (nic0)	34.19.88.155 (nic0)
<input checked="" type="checkbox"/>		<a href="#">mv-escom</a>	us-west1-b			10.138.0.3 (nic0)	34.82.121.167 (nic0)

```
sinna01@cloudshell:~ (optimal-transit-420321)$ gcloud compute instances create mv-escom --zone=us-west1-b --machine-type=e2-small --
boot-disk-size=16GB
WARNING: You have selected a disk size of under [200GB]. This may result in poor I/O performance. For more information, see: https://c
developers.google.com/compute/docs/disks#performance.
Created [https://www.googleapis.com/compute/v1/projects/optimal-transit-420321/zones/us-west1-b/instances/mv-escom].
WARNING: Some requests generated warnings:
- Disk size: '16 GB' is larger than image size: '10 GB'. You might need to resize the root repartition manually if the operating syst
em does not support automatic resizing. See https://cloud.google.com/compute/docs/disks/add-persistent-disk#resize_pd for details.
NAME: mv-escom
ZONE: us-west1-b
MACHINE_TYPE: e2-small
PREEMPTIBLE:
INTERNAL_IP: 10.138.0.3
EXTERNAL_IP: 34.82.121.167
STATUS: RUNNING
sinna01@cloudshell:~ (optimal-transit-420321)$
```

## Item 4

Revise el manual y responda ¿Qué comandos debo ejecutar para ver la lista de zonas y los tipos de máquinas posibles?


El comando para ver las zonas es:

gcloud compute zones list

Y el comando para los tipos de máquinas es:

gcloud compute machine-types list

## Item 5



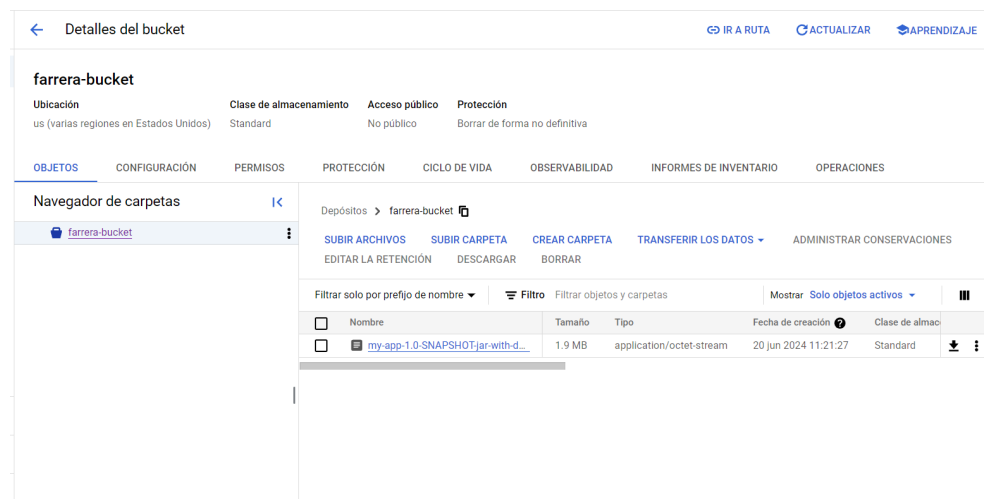
The screenshot shows the Cloud Shell Editor interface. At the top, there's a tab for 'helloWorld.java'. The code in the editor is a simple Java program:

```
1 public class HelloWorld {  
2     public static void main(String[] args) {  
3         System.out.println("Hello World");  
4     }  
5 }  
6
```

Below the editor, the terminal shows the command to run the program and its output:

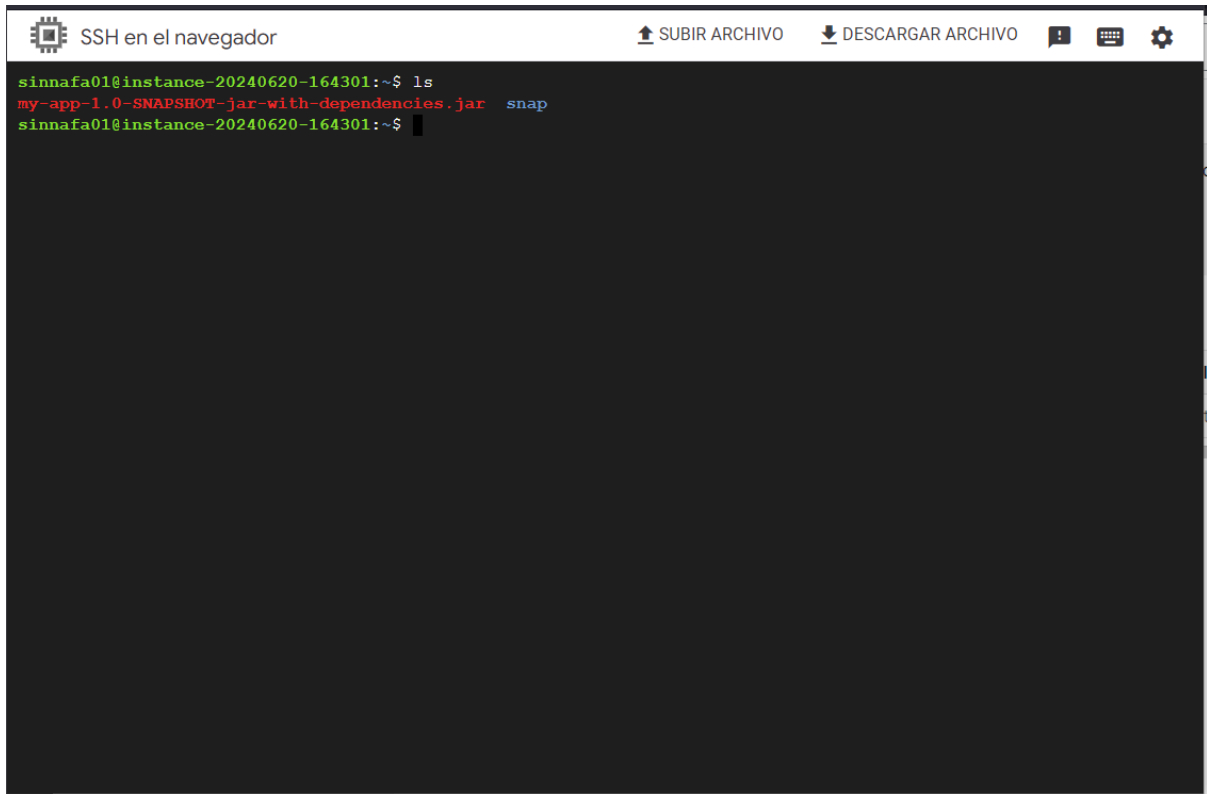
```
sinnafa01@cloudshell:~ (optimal-transit-420321)$ java HelloWorld  
Hello World  
sinnafa01@cloudshell:~ (optimal-transit-420321)$
```

## Item 6



The screenshot shows the 'Detalles del bucket' page for 'farrera-bucket' in Google Cloud Storage. The page includes tabs for 'OBJETOS', 'CONFIGURACIÓN', 'PERMISOS', 'PROTECCIÓN', 'CICLO DE VIDA', 'OBSERVABILIDAD', 'INFORMES DE INVENTARIO', and 'OPERACIONES'. The 'OBJETOS' tab is active, showing a list of objects in the bucket. The table has columns for 'Nombre', 'Tamaño', 'Tipo', 'Fecha de creación', and 'Clase de almacenamiento'. One object is listed: 'my-app-1.0-SNAPSHOT-jar-with-d...'. The page also includes a 'Navegador de carpetas' on the left and various action buttons like 'SUBIR ARCHIVOS', 'SUBIR CARPETA', 'CREAR CARPETA', 'TRANSFERIR LOS DATOS', 'ADMINISTRAR CONSERVACIONES', 'EDITAR LA RETENCIÓN', 'DESCARGAR', and 'BORRAR'.

## Item 7



The image shows a web-based SSH terminal interface. The title bar at the top reads "SSH en el navegador" with a gear icon on the left and two buttons, "SUBIR ARCHIVO" and "DESCARGAR ARCHIVO", on the right. The terminal area has a black background with green text. The prompt is "sinnafa01@instance-20240620-164301:~\$". The first command is "ls", and the output is "my-app-1.0-SNAPSHOT-jar-with-dependencies.jar" in red and "snap" in blue. The second prompt is "sinnafa01@instance-20240620-164301:~\$" followed by a cursor.

```
sinnafa01@instance-20240620-164301:~$ ls
my-app-1.0-SNAPSHOT-jar-with-dependencies.jar  snap
sinnafa01@instance-20240620-164301:~$
```