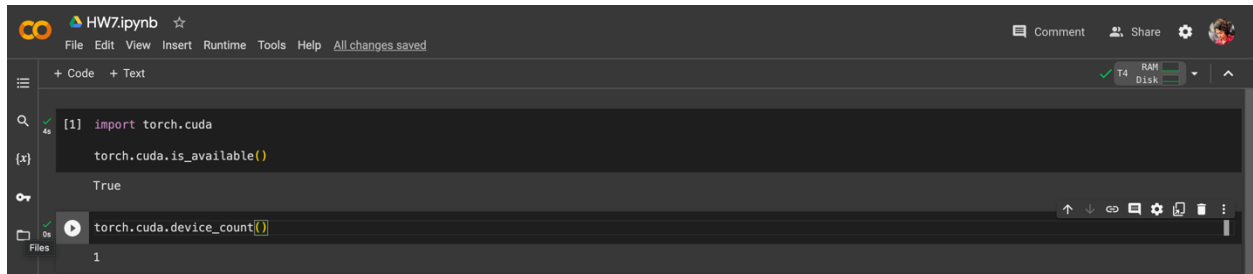


## Question 1.

### Q1.1



The screenshot shows a Jupyter Notebook titled 'HW7ipyb'. The code cell contains the following Python code:

```
[1] import torch.cuda  
    torch.cuda.is_available()  
  
True  
  
torch.cuda.device_count()  
  
1
```

The output of the code cell shows 'True' and '1', indicating that CUDA is available and there is 1 device.

### Q1.2

Hello,

Your quota request for my-project-2000-399504 has been approved and your project quota has been adjusted according to the following requested limits:

NAME	DIMENSIONS	REGION	REQUESTED LIMIT	APPROVED LIMIT
GPUS_ALL_REGIONS		GLOBAL	1	1






After approved, Quotas can take up to 15 min to be fully visible in the Cloud Console and available to you.

To verify, please navigate to



<https://console.cloud.google.com/iam-admin/quotas?project=my-project-2000-399504>.

Q1.3

Basic information

Name	instance-1
Instance Id	2703921321757212735
Description	None
Type	Instance
Status	 Running
Creation time	Nov 21, 2023, 12:23:29 AM UTC-05:00
Zone	us-east4-c
Instance template	None
In use by	None
Reservations	Automatically choose
Labels	None
Tags 	<div> folder-attribute : show</div> <div></div>
Deletion protection	Disabled
Confidential VM service 	Disabled
Preserved state size	0 GB

# Machine configuration


Machine type	n1-standard-1
CPU platform	Intel Broadwell
Minimum CPU platform	None
Architecture	—
vCPUs to core ratio 	—
Custom visible cores 	—
Display device	Disabled Enable to use screen capturing and recording tools
GPUs	1 x NVIDIA T4
Resource policies	

 instance-1

DETAILS

MONITORING

## Properties

Type	Balanced persistent disk
Size 	50 GB
Architecture	—
Zone	us-east4-c
Labels	None
In use by	<a href="#">instance-1</a>
Snapshot schedule	None
Source image	c0-deeplearning-common-gpu-v20231105-debian-11-py310
Encryption type	Google-managed
Consistency group	None

## Q1.4

### Requested quota increase: All G and VT Spot Instance Requests

Quota name

All G and VT Spot Instance Requests

Description

The maximum number of vCPUs for all running or requested G and VT Spot Instances per Region

Utilization

0

Applied quota value

0

AWS default quota value

0

Requested quota value

1

Request date

Nov 21, 2023

Last updated date

Nov 21, 2023

Request status

 Requested

Support Center case number

[170054899401076](#) 

Request ID

 b91ca0e2f1bb4d2489ef570dbb61ef59ssr5nmPI

Q1.5

Number of instances [Info](#)

1

---

**Software Image (AMI)**

Amazon Linux 2023 AMI 2023.2.2...[read more](#)

ami-0230bd60aa48260c6

**Virtual server type (instance type)**

g3s.xlarge

**Firewall (security group)**

-

**Storage (volumes)**

1 volume(s) - 8 GiB

---

**Cancel**

**Launch instance**

[Return to console](#)