

[G/HACKS]

Welcome, Intros & Kick-off



What are gHacks?

gHacks are challenge based, hands-on **workshops**

Challenges describe high-level tasks and goals to be accomplished, not step-by-step instructions

Participants work in **teams of 3-5** to solve the challenges.

Each team is assisted by a **coach** for guidance and review of solutions



You will get your hands dirty





***results may vary**

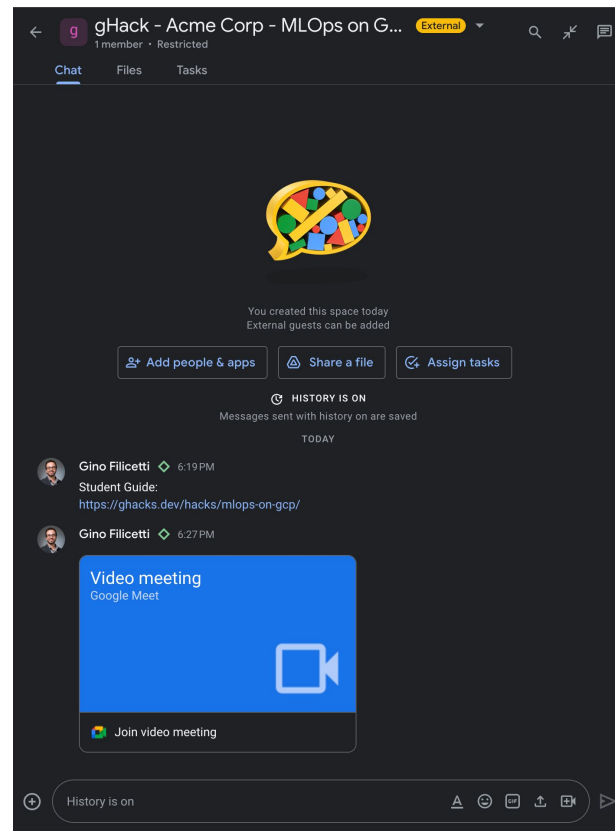
Logistics



Collaboration

We'll be using a **Google Space** for **chatting** and **meeting** and **sharing** files.

You should have already receive an **invitation** to the Space in your **email**.



Hacking Remotely: Tips & Expectations

Everyone is expected to be in their **team's breakout room throughout** the event

Mics should be **on at all times** (kids, significant others, & pet noises okay and adds to the experience)

Both **students** and **coaches** should keep **cameras on**

Coaches will **designate** a "**driver**" for each challenge to **lead by sharing** their **screen**. Students should **take turns** driving



Challenge Format

Challenges are **cumulative**, building upon each other.

Establish **Confidence** – start **small** and **simple** (think hello world)

Build **Competence** – by having **successively** more **complex** challenges

Challenges are **NOT step-by-step** hands-on labs! No “clicking here” or “copy & pasting there”

Challenge definitions are **short**. A couple of sentences or bullet points stating the **end goals** and perhaps a **hint or a tip** that comes in **handy**

You **MUST** work **together** as a **team** to figure out how to **complete** challenges



Before some **challenges** we will deliver a “**mini-lecture**” explaining concepts in the challenge

Coaches will review **results** for each **challenge** when all team members have completed the challenge

Don't be beholden by the clock! Move quickly or take it slow.

But **stay together** with your **team**. Your **coach** is there to **help**.

There **WILL** be **more challenges** than you can complete in our allotted time

Coaches

Each team will have a **coach** throughout the whole hack.

Use them! But **don't expect** them to give you all the answers.

Get to **know** your **coach**, their likes and dislikes...

All the **better** to find a **bribe** that works!

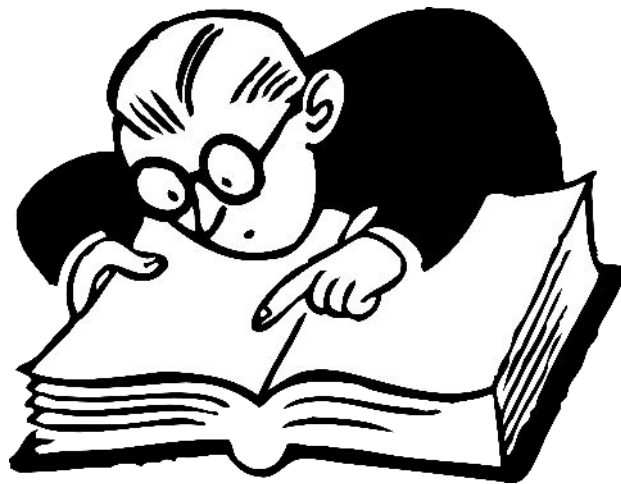


Finding Answers

Google is your friend! Google Cloud is a hot technology and much ink has been spilled on it.

The Google Cloud product documentation is your best bet.

Many of the related open source projects used in this gHack have top notch documentation.



Schedule

- **Kick Off**
- **Hacking** (with breaks at coach discretion)
- **Midday Break**
- **Hacking** (with breaks at coach discretion)
- **Wrap Up**



Team Formation

Check our **Google Space** for your **team assignments**.

You will be **automatically added** to your team's **breakout room**.





Thank you.