

# Cloud Computing Exercise - 1

#### **VM Creation**

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# **GCP VM Creation**

## **GCP** Registration Link



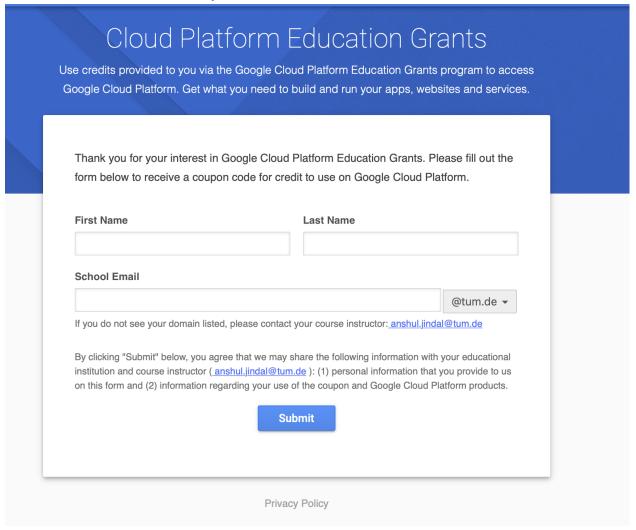
- Click on the given GCP registration link: Will be added on Piazza and Moodle
- Instructions:

Will be added on Piazza and Moodle

#### **GCP** Registration



- After clicking the link, fill the below shown information.
- Use official TUM email id only.



#### GCP Registration Cont..



After submitting the information you will receive an email like this:





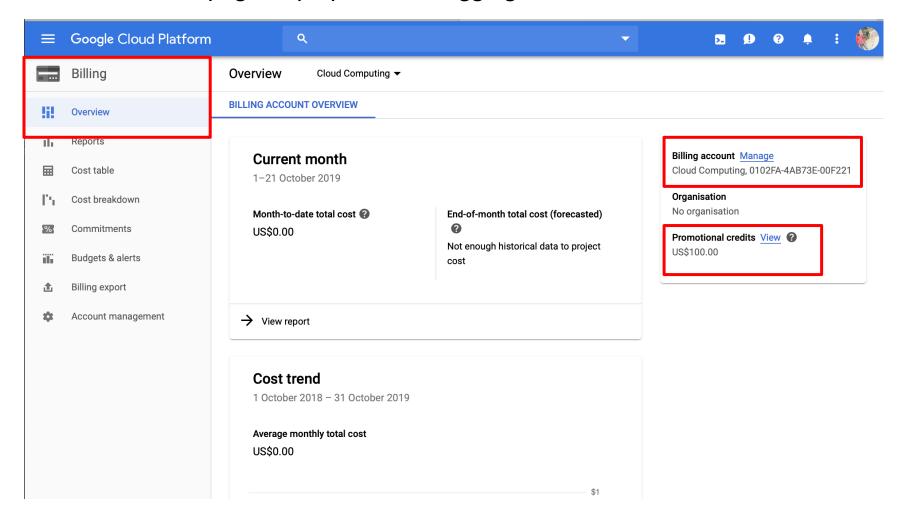
Thank you for your interest in downloading a Google Cloud Platform Coupon Code. Please click on this <u>link</u> to verify your email address and a code will be sent to your email account.

- Verify the email id and you will then get the coupon code to your email.
- Click the link in the new email from GCP to redeem it .

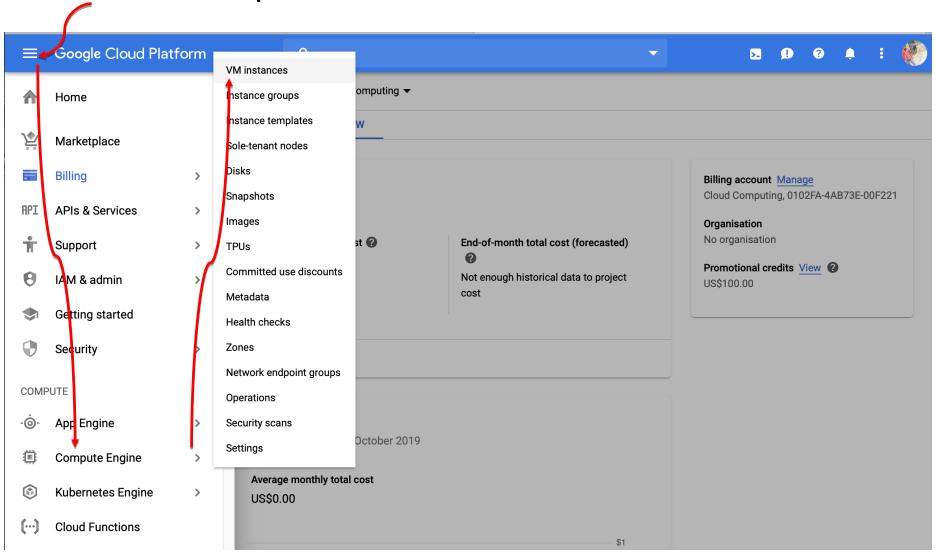
#### Login into GCP: Home page



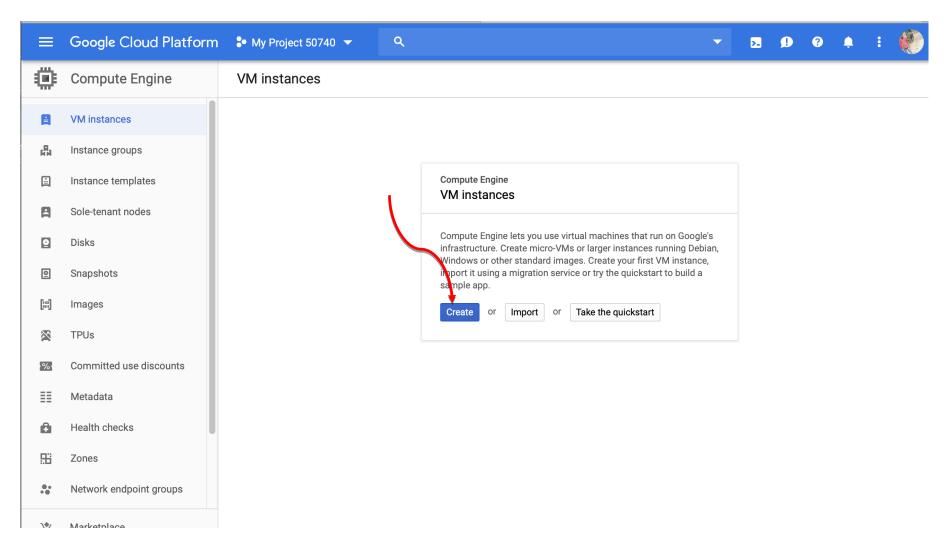
Below is the homepage displayed, after logging into GCP







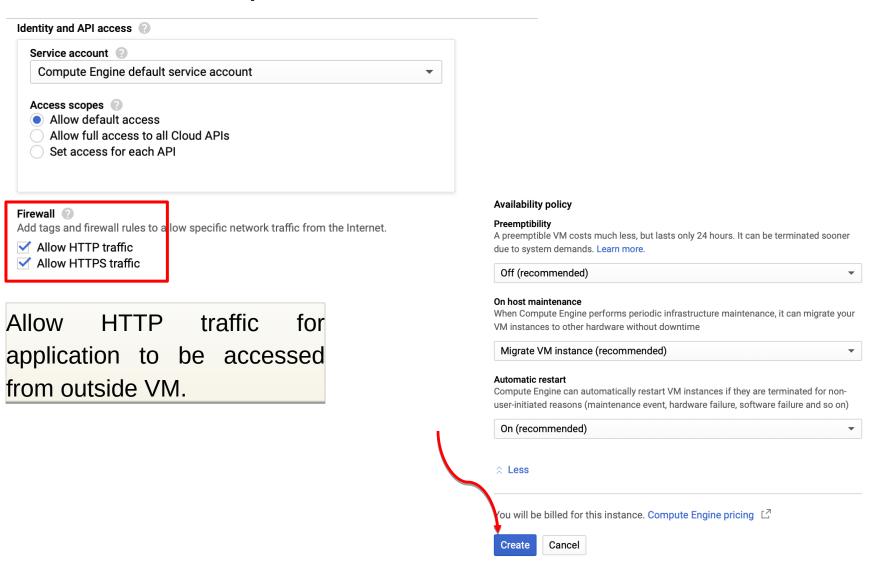






Create an instance To create a VM instance, select one of the options: Select region and zone instance-1 Region Zone **New VM instance** \$17.04 monthly estimate europe-west3 (Frankfurt) europe-west3-c Create a single VM instance from scratch That's about \$0.023 hourly Machine configuration (2) Pay for what you use: No upfront costs and per second billi New VM instance from template Machine family ∀ Details Create a single VM instance from General-purpose an existing template Machine types for common workloads, optimised for cost and flexibility Generation Marketplace First Powered by Skylake CPU platform or one of its predecessors R Deploy a ready-to-go solution onto a VM instance Machine type Select machine type g1-small (1 vCPU, 1.7 GB memory) vCPU Memory 1.7 GB 1 shared core CPU platform and GPU Deploy a container image to this VM instance. Learn more Boot disk 🗐 Select OS and New 10 GB standard persistent disk **Image** space Ubuntu 18.04 LTS Change Identity and API access Service account Compute Engine default service account





Equivalent REST or command line

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SSH into VM

