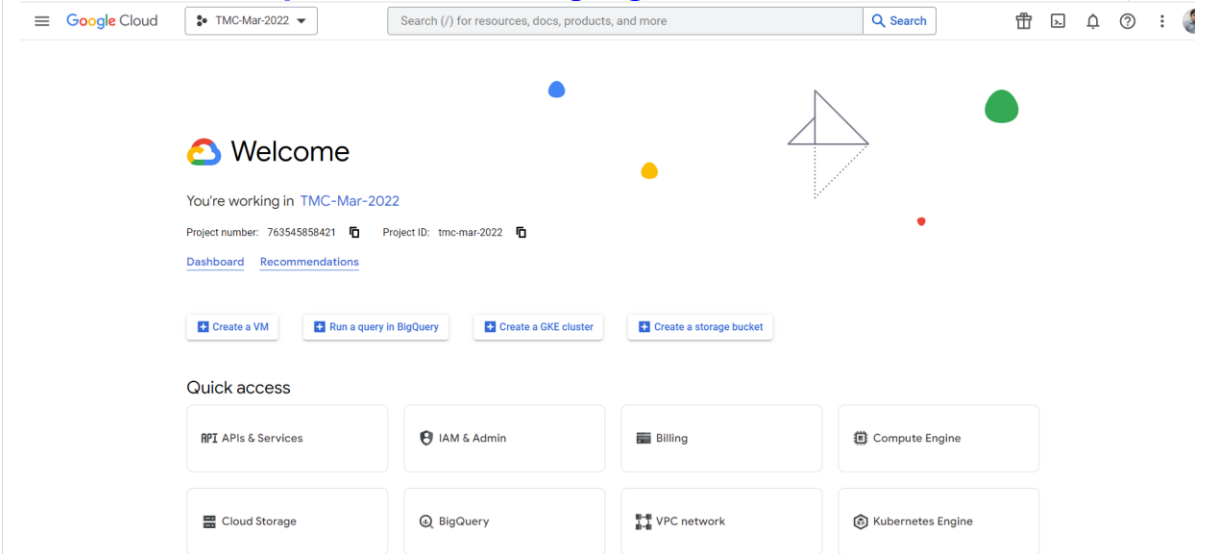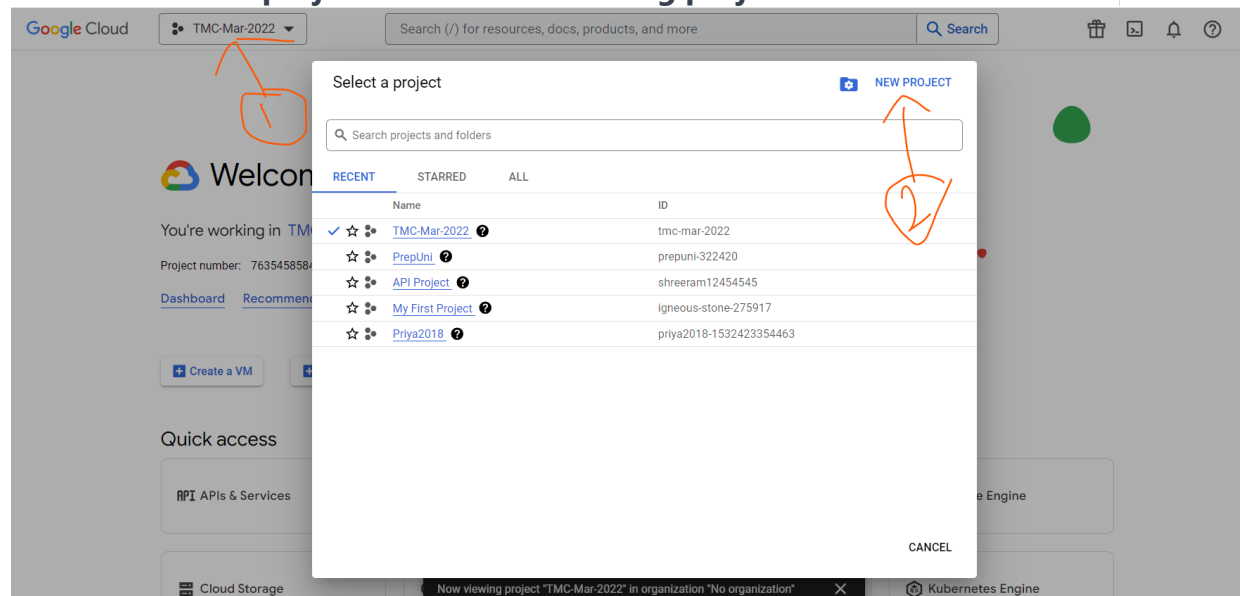# Login with Google

1. **Create a Project in Google Cloud Console:**
   - **Go to the [Google Cloud Console](https://console.cloud.google.com).**
   Console URL - https://console.cloud.google.com

   - **Create a new project or select an existing project.**

New Project

⚠ You have 20 projects remaining in your quota. Request an increase or delete projects. Learn more ⧉

MANAGE QUOTAS ⧉

Project name *

LMS1   ❓

Project ID: lms1-407810. It cannot be changed later. EDIT
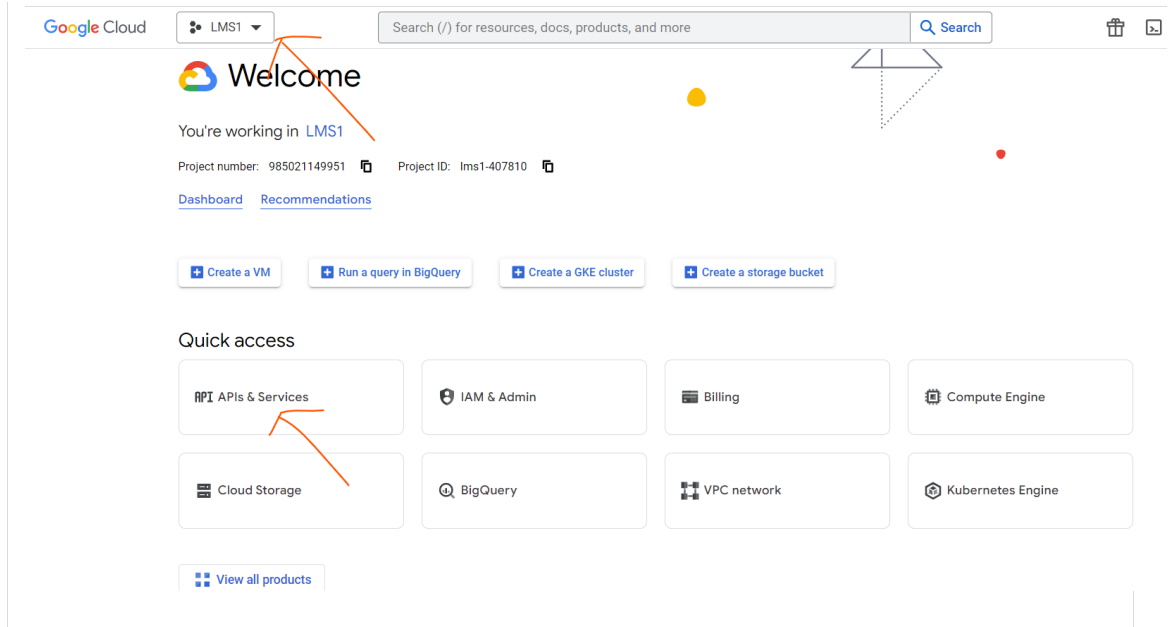
Location *

🏢 No organization   BROWSE

Parent organization or folder
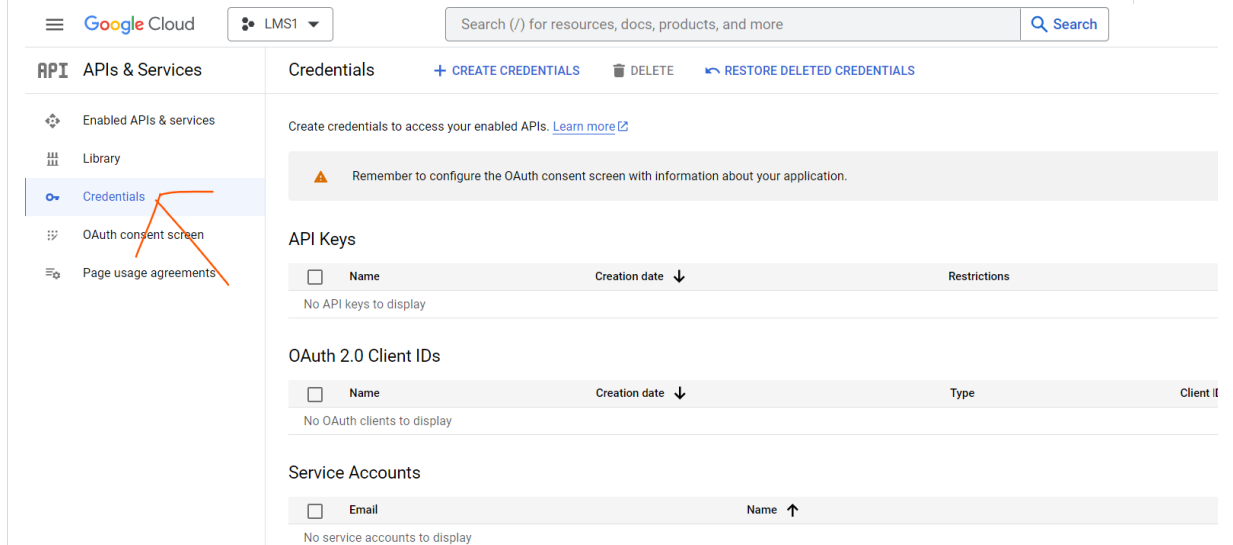
CREATE   CANCEL

- **Select your newly created project**

🔍 Search   🎁   ▣   🔔   ❓   ⋮   👤

Notifications

✅ Create Project: LMS1   Just now
   SELECT PROJECT

SEE ALL ACTIVITIES

- Navigate to the "APIs & Services" > "Credentials" section.

2. Create OAuth 2.0 Client ID:

- Click on "Create Credentials" and choose "OAuth client ID."

- # Configure consent screen

Credentials   + CREATE CREDENTIALS   🗑 DELETE   ↩ RESTORE DELETED CREDENTIALS

Create credentials to access your enabled APIs. Learn more ⧉

⚠ Remember to configure the OAuth consent screen with information about your application.   CONFIGURE CONSENT SCREEN

API Keys

	Name	Creation date ↓	Restrictions	Actions
☐				

No API keys to display

OAuth 2.0 Client IDs

	Name	Creation date ↓	Type	Client ID	Actions
☐					

No OAuth clients to display

Service Accounts

Manage service accounts

	Email	Name ↑	Actions
☐			

API   APIs & Services   OAuth consent screen

♦ Enabled APIs & services

▥ Library

⊶ Credentials

⋮ OAuth consent screen

⋮ Page usage agreements

Choose how you want to configure and register your app, including your target users. You can only associate one app with your project.

User Type

○ Internal ❓

Only available to users within your organization. You will not need to submit your app for verification. Learn more about user type ⧉

◉ External ❓

Available to any test user with a Google Account. Your app will start in testing mode and will only be available to users you add to the list of test users. Once your app is ready to push to production, you may need to verify your app. Learn more about user type ⧉

CREATE

Let us know what you think about our OAuth experience

Edit app registration

1 **OAuth consent screen** — **2** Scopes — **3** Test users — **4** Summary

App information

This shows in the consent screen, and helps end users know who you are and contact you

App name *

The name of the app asking for consent

User support email *

For users to contact you with questions about their consent. Learn more ⧉

App logo

This is your logo. It helps people recognize your app and is displayed on the OAuth consent screen.

After you upload a logo, you will need to submit your app for verification unless the app is configured for internal use only or has a publishing status of "Testing". Learn more ⧉

Logo file to upload   **BROWSE**

Upload an image, not larger than 1MB on the consent screen that will help users recognize your app. Allowed image formats are JPG, PNG, and BMP. Logos should be square and 120px by 120px for the best results.

1 **OAuth consent screen** — **2** Scopes — **3** Test users — **4** Summary

App information

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App name *

The name of the app asking for consent

User support email *

For users to contact you with questions about their consent. Learn more ⧉

Authorized domains ❓

When a domain is used on the consent screen or in an OAuth client's configuration, it must be pre-registered here. If your app needs to go through verification, please go to the Google Search Console to check if your domains are authorized. Learn more 🔗 about the authorized domain limit.

Authorized domain 1 *

~~example.co.in~~

➕ ADD DOMAIN

Developer contact information

Email addresses *

~~shreeramsharma...@gmail.com~~ ✖

These email addresses are for Google to notify you about any changes to your project.

SAVE AND CONTINUE   CANCEL

- Select "Web application" as the application type.

← Create OAuth client ID

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See Setting up OAuth 2.0 🔗 for more information. Learn more 🔗 about OAuth client types.

Application type *
Web application ▼

Name *
Web client 1

The name of your OAuth 2.0 client. This name is only used to identify the client in the console and will not be shown to end users.

ℹ The domains of the URIs you add below will be automatically added to your OAuth consent screen as authorized domains 🔗.

Authorized JavaScript origins ❓

For use with requests from a browser

➕ ADD URI

- Configure the authorized redirect URIs. For Moodle, this would typically be **https://your-moodle-site.com/login/oauth2/google**.

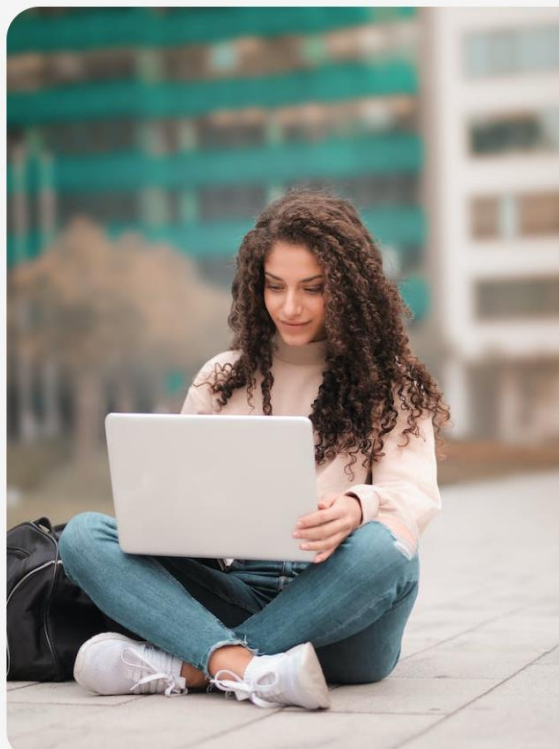- Save the client ID and client secret generated.

3. **Configure Moodle:**
   - Log in to your Moodle site as an administrator.

- Go to "Site administration" > "Plugins" > "Authentication" > "Manage authentication."
- Enable the "OAuth 2" authentication plugin.
- Click the settings link next to "OAuth 2" and enter the client ID and client secret obtained from the Google Cloud Console.
- Save changes.

4. **Enable the Google API in Moodle:**
- In the same "Manage authentication" page, look for "Google" in the list of authentication methods.
- Enable the Google authentication plugin.
- After performing all the above steps, you Google will be coming on your login page (as it is appearing in below sreen).

5. **Test the Configuration:**
- Log out of Moodle or use an incognito/private browsing window.
- Visit the Moodle login page and click on the "Login with Google" button.
- You'll be redirected to Google to authorize the connection.
- After authorization, you should be redirected back to Moodle and logged in.