

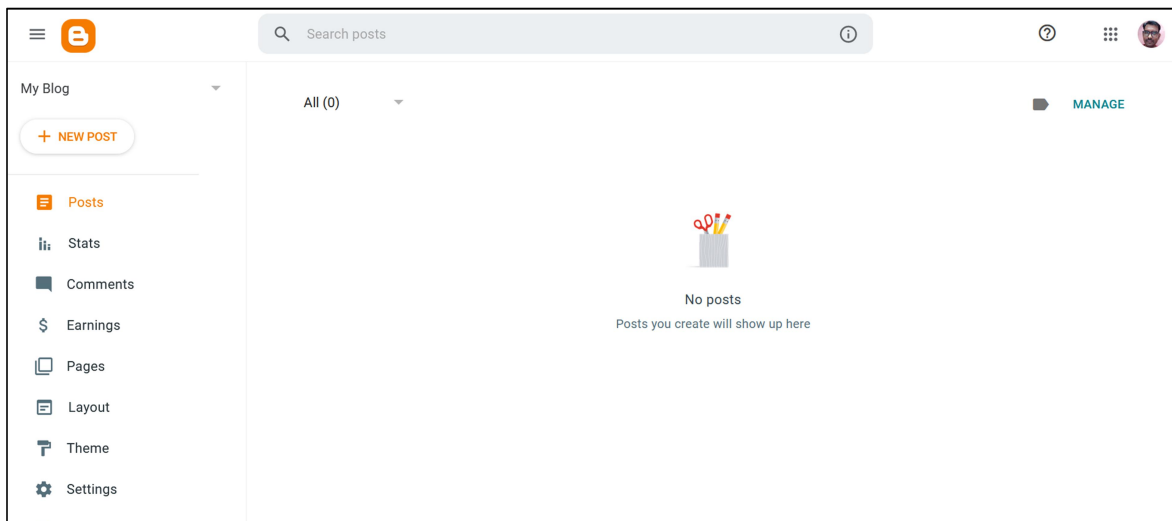
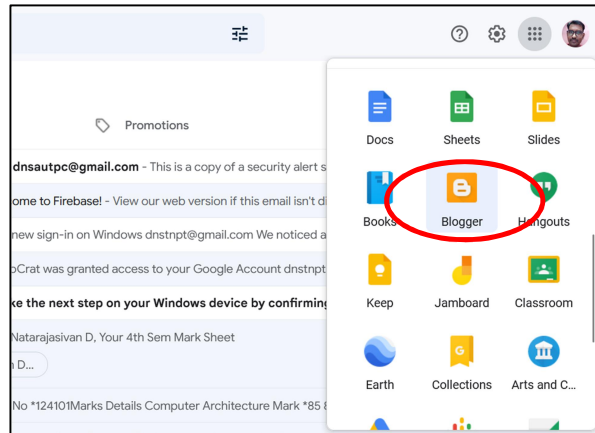
Ex. No 3

Web Services Implementation

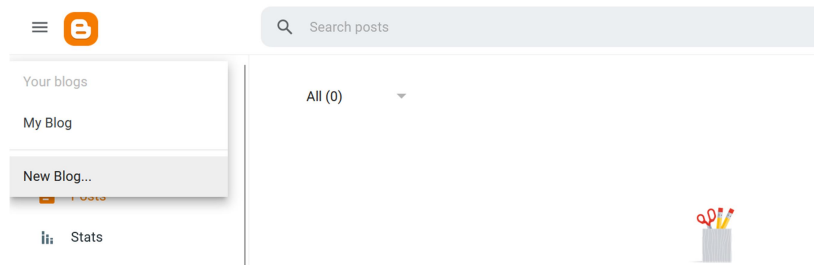
Aim: To implement web services by creating your blog and collaborating via wikis.

Procedure:

1. Login to **Gmail** and open Blogger app from app list.



2. Create a new Blog from My Blog Menu.



3. Give a Name for your Blog and provide an unique URL name.

Choose a name for your blog

This is the title that will be displayed at the top of your Blog.

Title

Cloud Computing 15 / 100

CANCEL NEXT

Choose a URL for your blog

This web address is how people will find your blog online

Address

dnstnp .blogspot.com

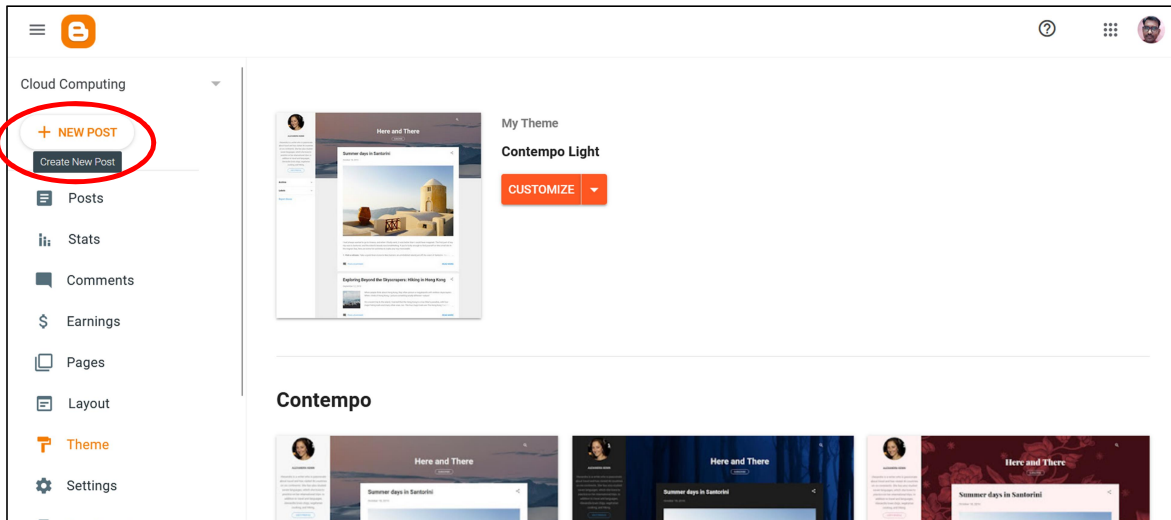
This blog address is available.

PREV CANCEL SAVE

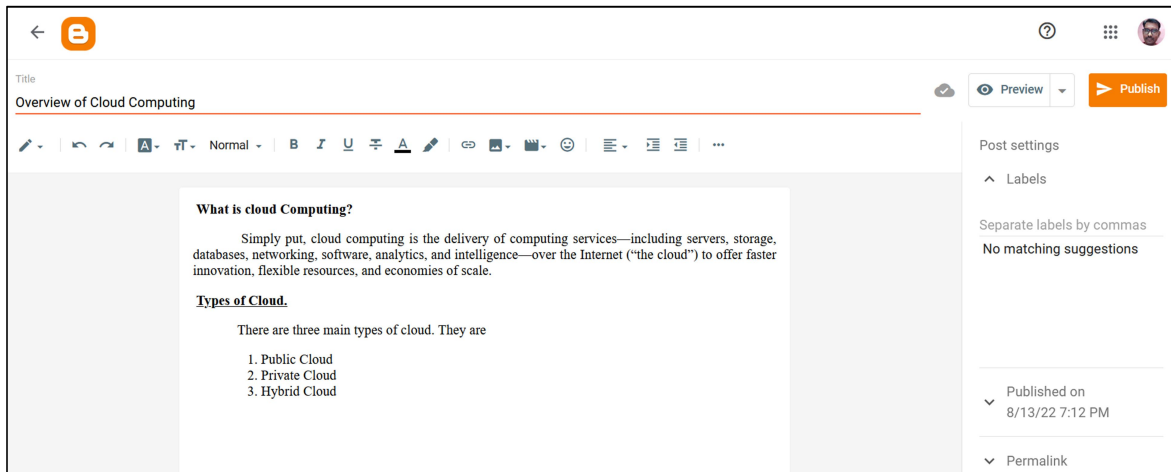
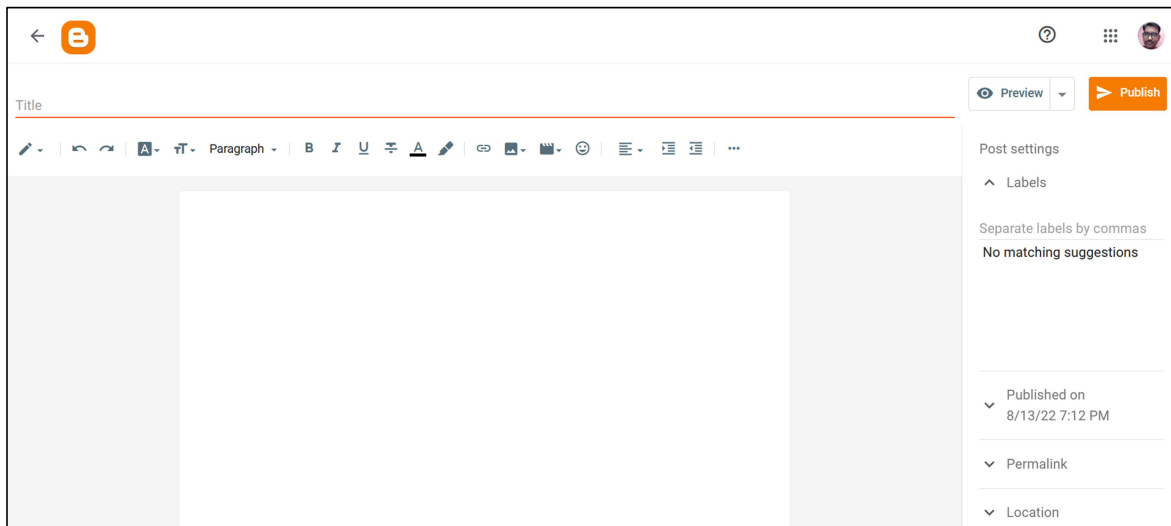
4. Use Theme to customize the design of your blog.

The screenshot shows the Blogger dashboard for a blog named "Cloud Computing". On the left is a navigation menu with options: Posts, Stats, Comments, Earnings, Pages, Layout, Theme (highlighted), and Settings. The main content area displays the current theme, "Contempo Light", with a "CUSTOMIZE" button. Below this, a section titled "Contempo" shows three alternative theme preview cards with different color schemes: light blue, dark blue, and dark red.

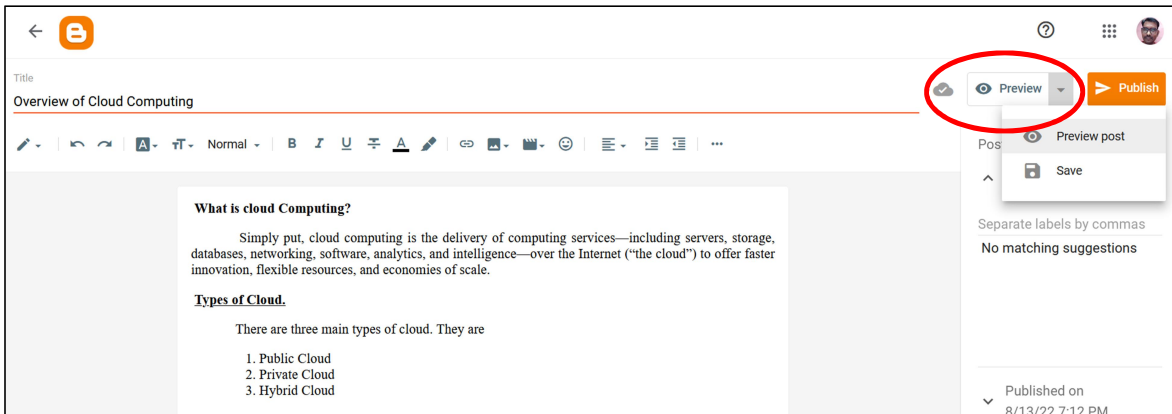
5. After Customizing the Theme create a Post.



6. Give Post Title and content for the post using the Editor.



7. Save the post and Preview the post.



The screenshot shows the WordPress editor interface. The title of the post is "Overview of Cloud Computing". The main content area contains the following text:

What is cloud Computing?

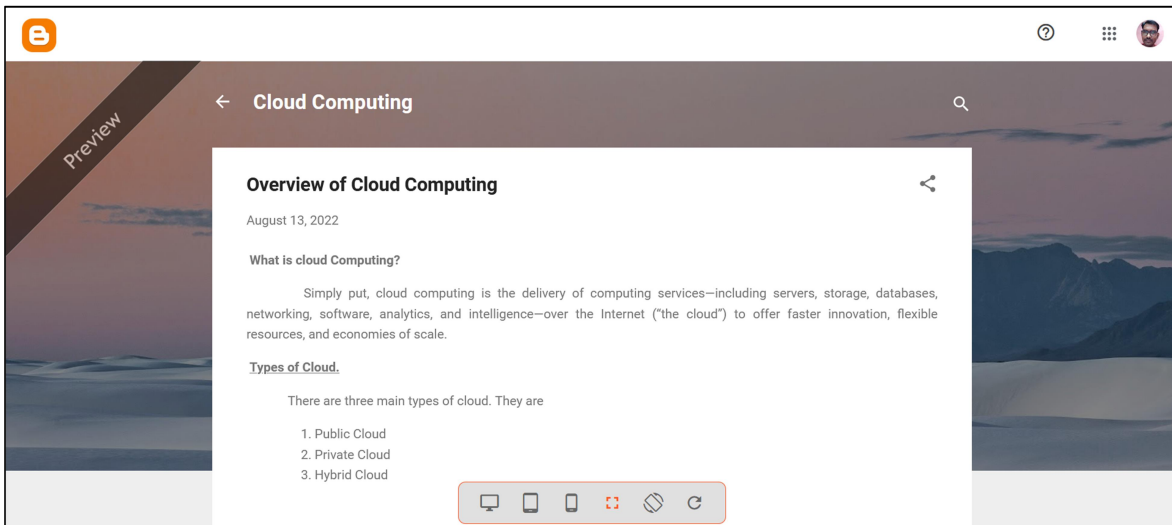
Simply put, cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet (“the cloud”) to offer faster innovation, flexible resources, and economies of scale.

Types of Cloud.

There are three main types of cloud. They are

1. Public Cloud
2. Private Cloud
3. Hybrid Cloud

The right-hand sidebar shows the "Preview" button circled in red. Below it, there is a "Save" button and a "Published on" date of 8/13/22 7:12 PM.



The screenshot shows the WordPress preview mode. The post title is "Overview of Cloud Computing" and the date is "August 13, 2022". The content is displayed as it would appear on the live site, with a "Preview" banner in the top left corner. The content is identical to the editor view:

What is cloud Computing?

Simply put, cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet (“the cloud”) to offer faster innovation, flexible resources, and economies of scale.

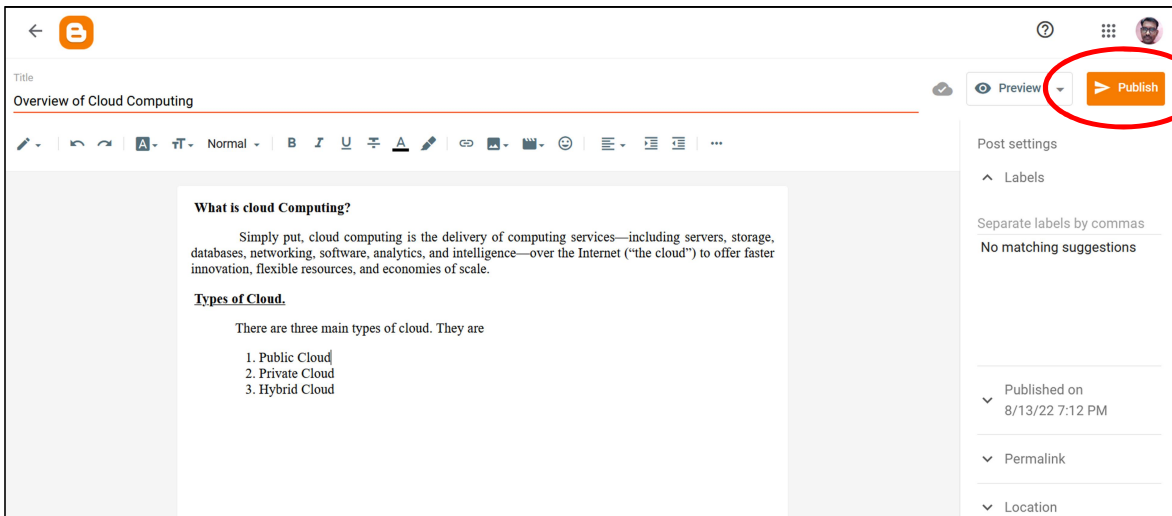
Types of Cloud.

There are three main types of cloud. They are

1. Public Cloud
2. Private Cloud
3. Hybrid Cloud

At the bottom of the preview, there are icons for desktop, mobile, and tablet views, along with a refresh icon.

8. Publish the Blog after checking the preview.



The screenshot shows the WordPress editor interface. The title of the post is "Overview of Cloud Computing". The main content area contains the following text:

What is cloud Computing?

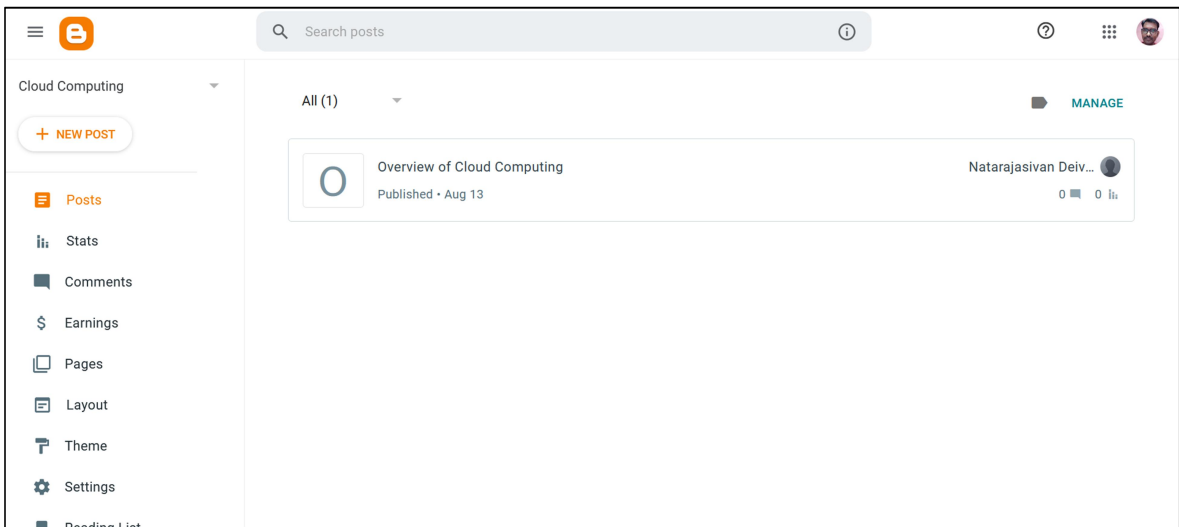
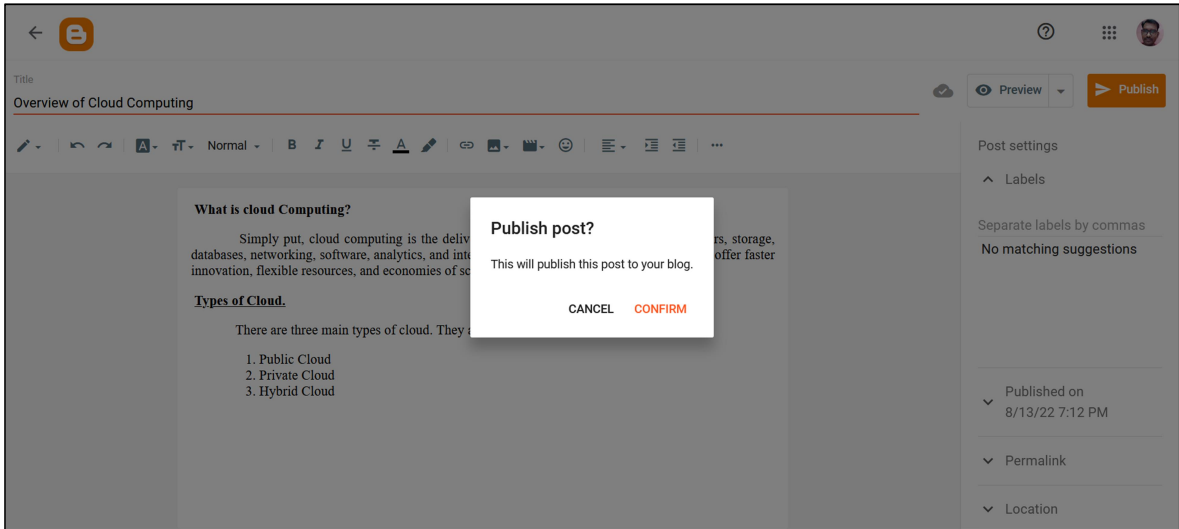
Simply put, cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet (“the cloud”) to offer faster innovation, flexible resources, and economies of scale.

Types of Cloud.

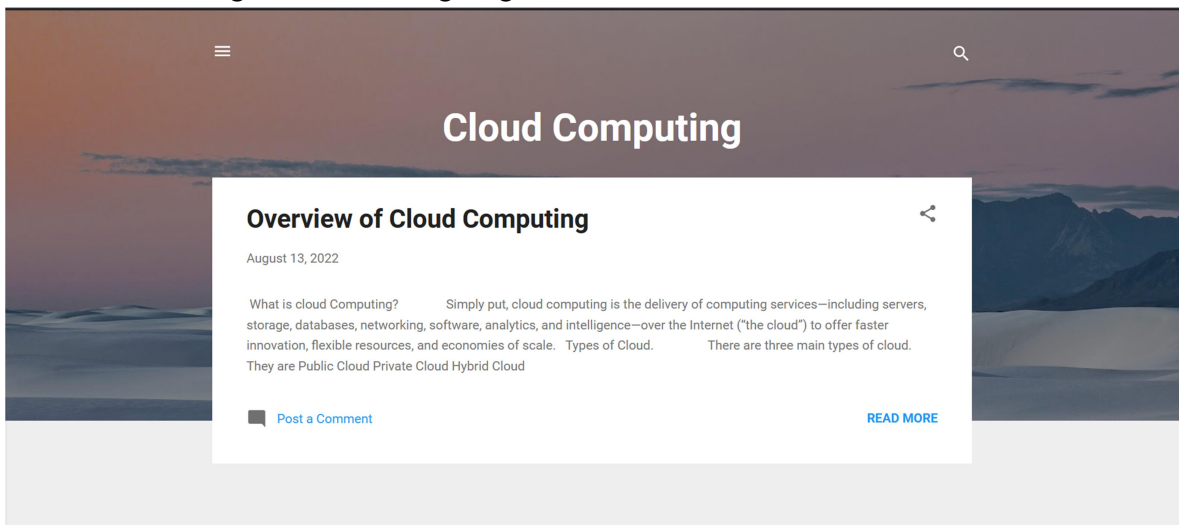
There are three main types of cloud. They are

1. Public Cloud
2. Private Cloud
3. Hybrid Cloud

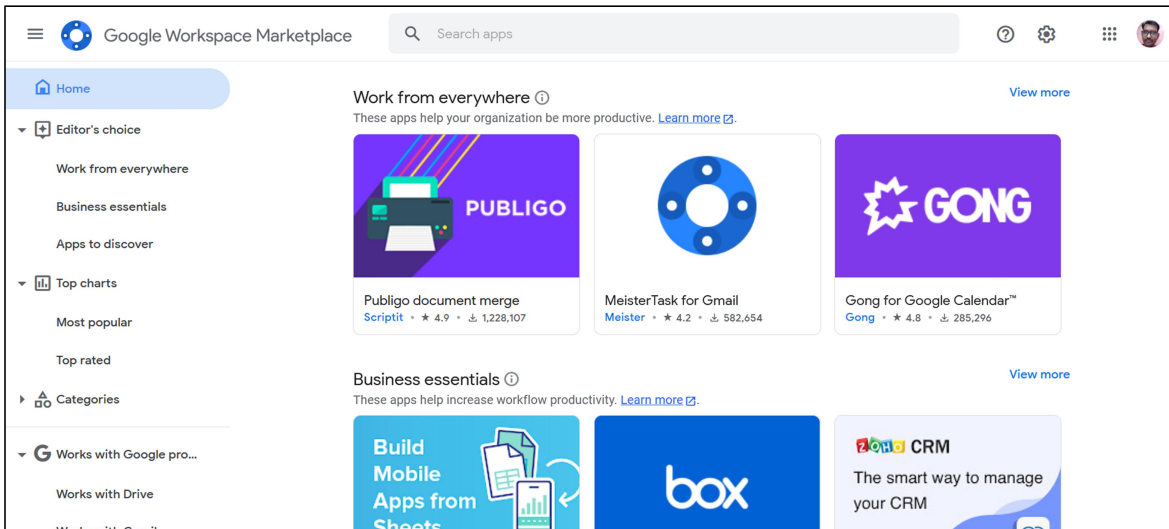
The right-hand sidebar shows the "Publish" button circled in red. Below it, there are "Post settings" including "Labels", "Separate labels by commas", "Published on" (8/13/22 7:12 PM), "Permalink", and "Location".



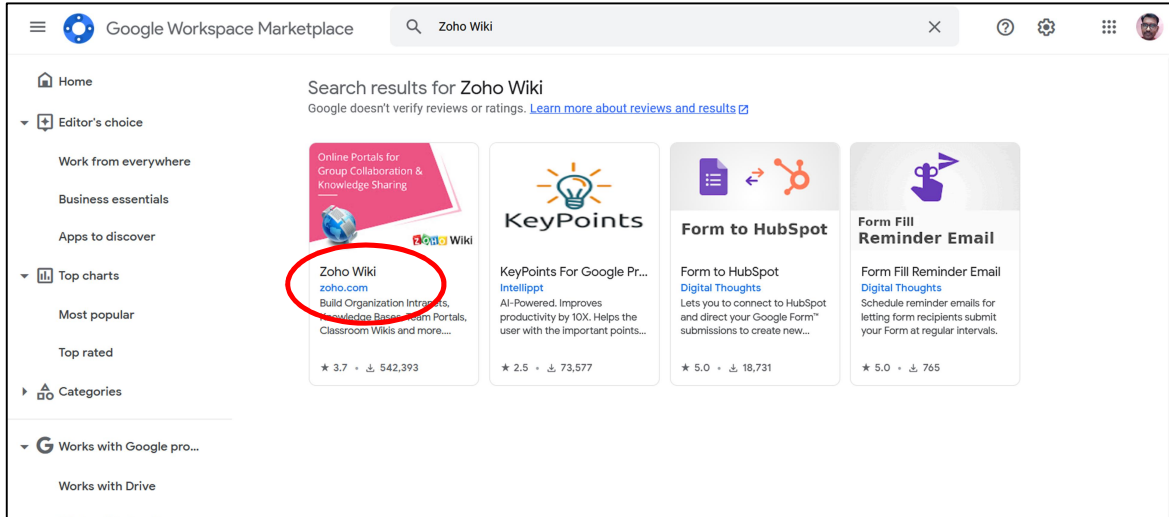
9. View the Blog in browser using blog URL address.



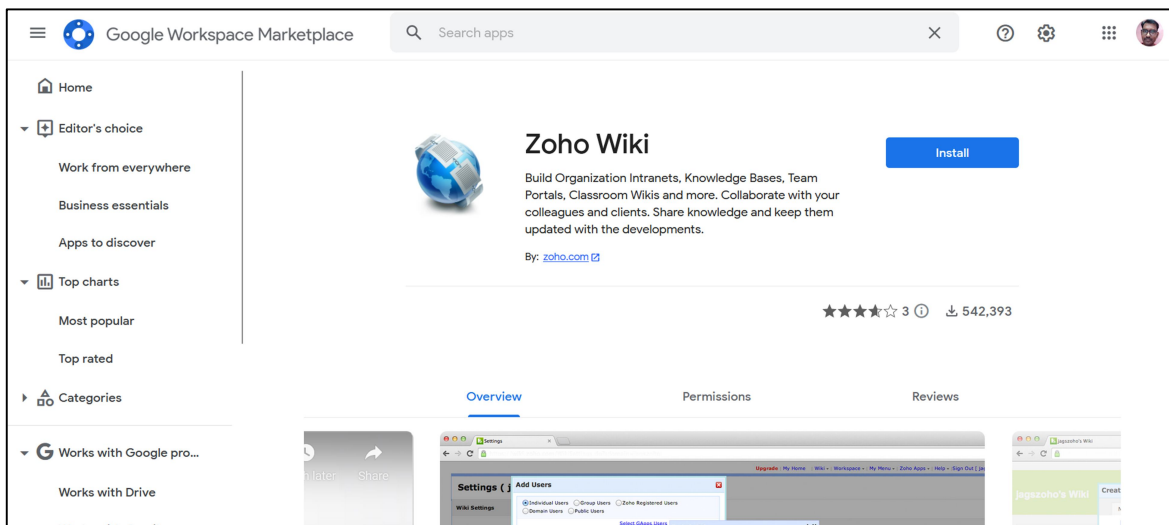
10. Open Google Workspace Market Place. Search ZOHO Wiki and install.



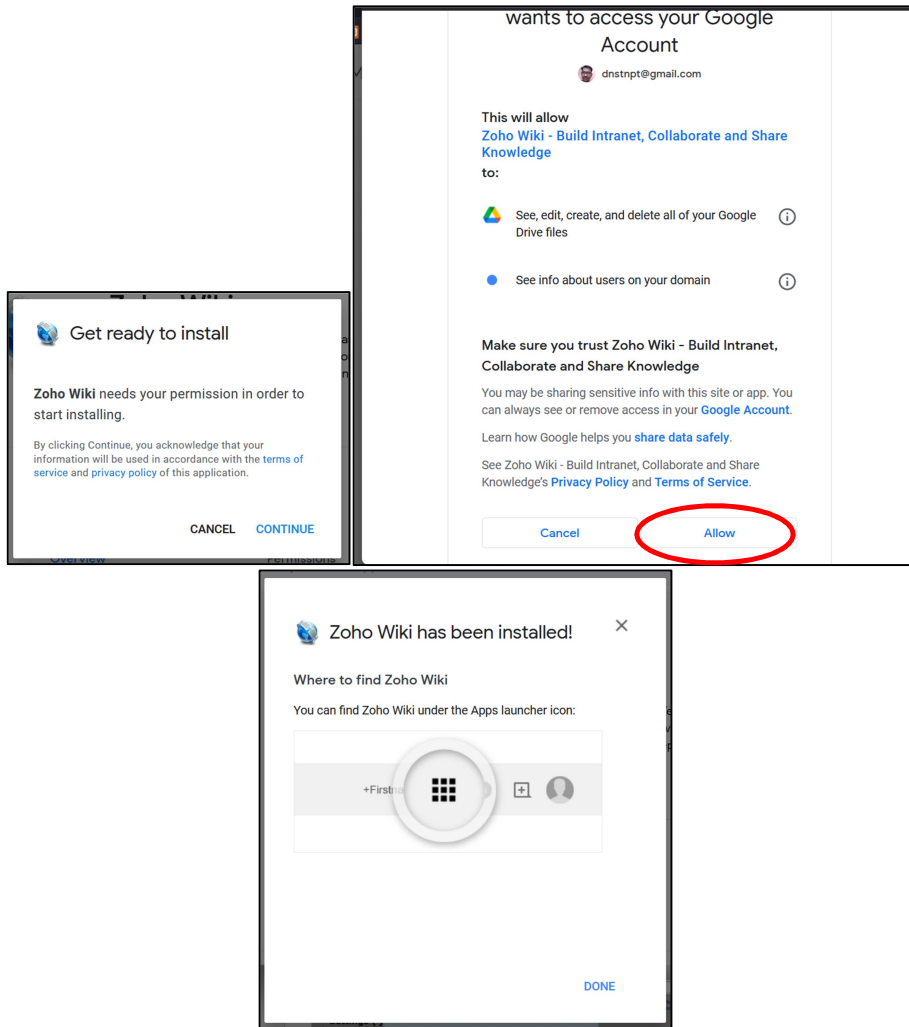
The screenshot shows the Google Workspace Marketplace Home page. The search bar at the top contains the text "Search apps". The left sidebar includes navigation options: Home, Editor's choice, Work from everywhere, Business essentials, Apps to discover, Top charts, Most popular, Top rated, Categories, and Works with Google pro... The main content area features three sections: "Work from everywhere" with apps like Publigo, MeisterTask for Gmail, and Gong for Google Calendar; "Business essentials" with apps like Build Mobile Apps from Sheets, box, and Zoho CRM.



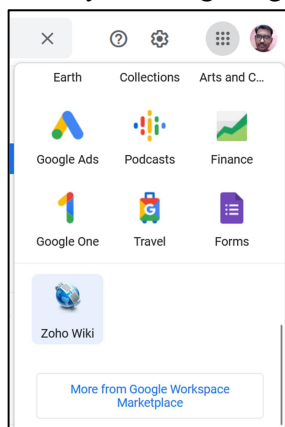
The screenshot shows the search results for "Zoho Wiki" in the Google Workspace Marketplace. The search bar contains "Zoho Wiki". The results are displayed in a grid. The first result, "Zoho Wiki" by zoho.com, is circled in red. It has a rating of 3.7 stars and 542,393 downloads. Other results include KeyPoints, Form to HubSpot, and Form Fill Reminder Email.




The screenshot shows the detailed page for the "Zoho Wiki" app. The app is highlighted with a blue border. The page includes the app icon, the name "Zoho Wiki", and a blue "Install" button. Below the name, there is a description: "Build Organization Intranets, Knowledge Bases, Team Portals, Classroom Wikis and more. Collaborate with your colleagues and clients. Share knowledge and keep them updated with the developments." The developer is listed as "By: zoho.com". The app has a rating of 3 stars and 542,393 downloads. At the bottom, there are tabs for "Overview", "Permissions", and "Reviews".



11. Open Zoho Wiki from App drawer in your Google login.



12. Provide Basic Profile Details and Create Zoho Wiki Account.



Welcome Natarajasivan Deivarajan!

A new Zoho account will be created for the email address **dnstnpt@gmail.com**.

First Name: Last Name:

Country/Region: State:

It looks like you're in India based on your IP.
Your data will be stored in **INDIA** data center. [Change](#)

I agree to the [Terms of service](#) and [Privacy policies](#) of Zoho Corporation

[CREATE ACCOUNT](#)

Zoho Wiki

Create a New Wiki

Wiki Title:

Wiki URL: ✓

Your wiki URL: <https://dnstnpt.wiki.zoho.in>

[Create](#) [Cancel](#)

Notes:

- Wiki URL can only use the following characters: **a-z,A-Z,0-9** and the length must be between 6 and 30
- Wiki title will get displayed to the upper left corner of every page of your wiki
- You cannot rename the wiki name. Make sure it is correct before creating the wiki


Upgrade [Create](#) Wiki Workspace

Natarajasivan


Home / Dashboard

1 PAGES [+](#) **0** WORKSPACES [+](#) **0** ATTACHMENTS [+](#)

Recently changed pages

 **HomePage**
Edited By: Natarajasivan Deivarajan | 1 minute ago

Newly added pages

 **HomePage**
Author: Natarajasivan Deivarajan | 1 minute ago

Recent comments

No Recent Comments

Workspaces

No Workspaces found. [Create new Workspace](#)

[Create New Page](#)

Search...

NAVIGATE PAGES

- [HomePage](#)
- [Site Map](#)

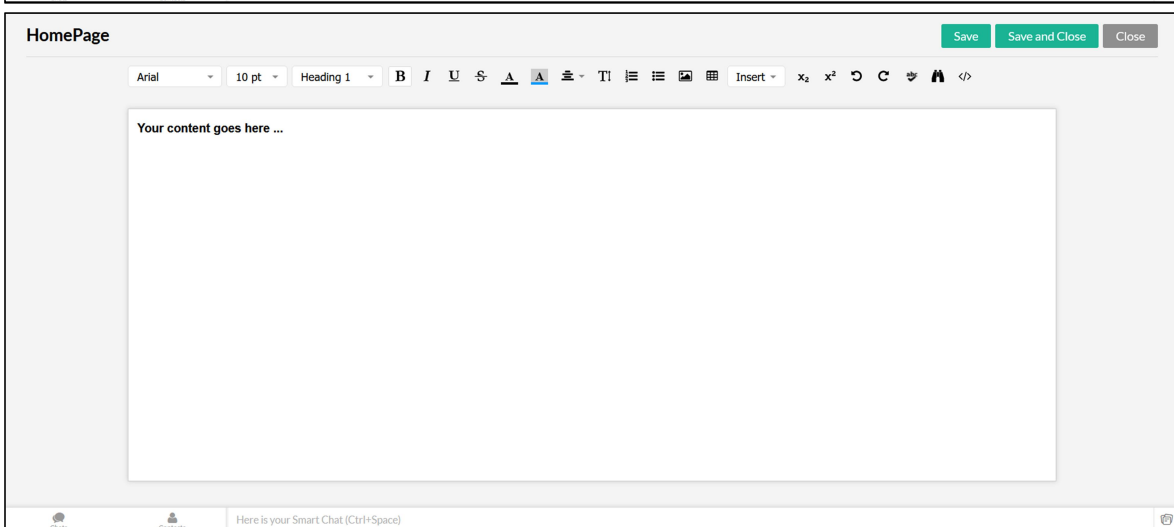
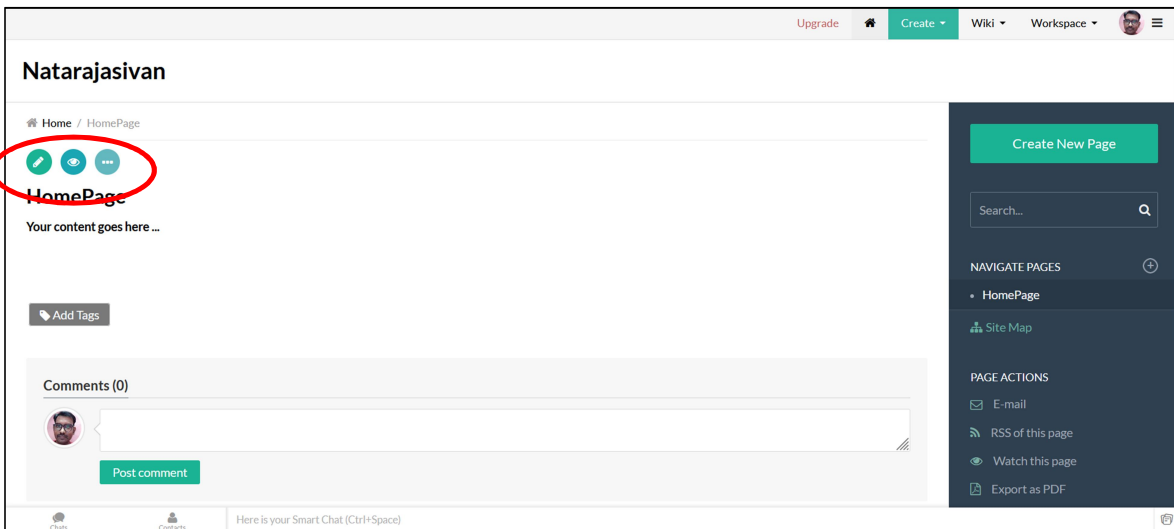
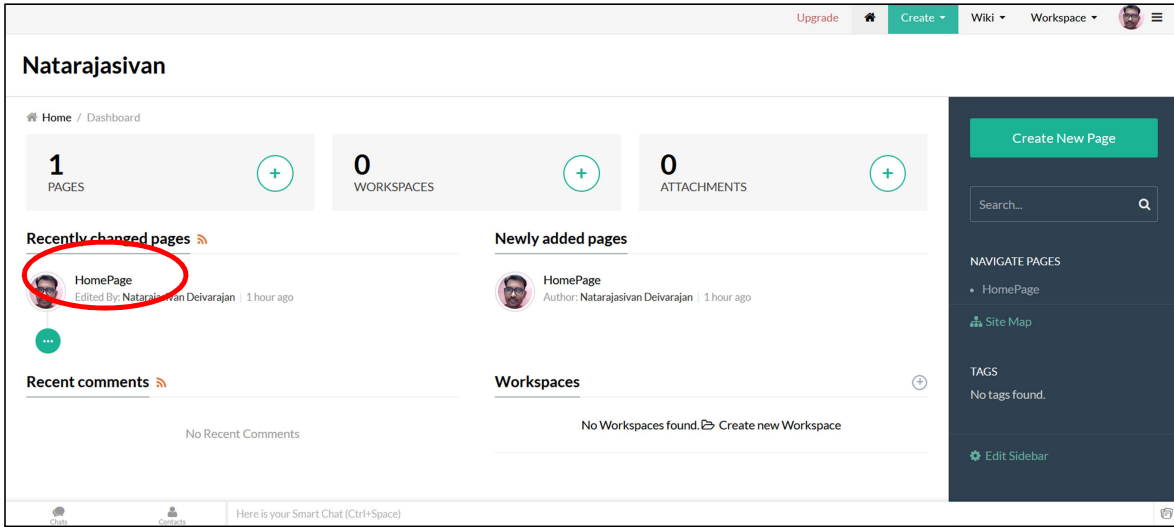
TAGS

No tags found.

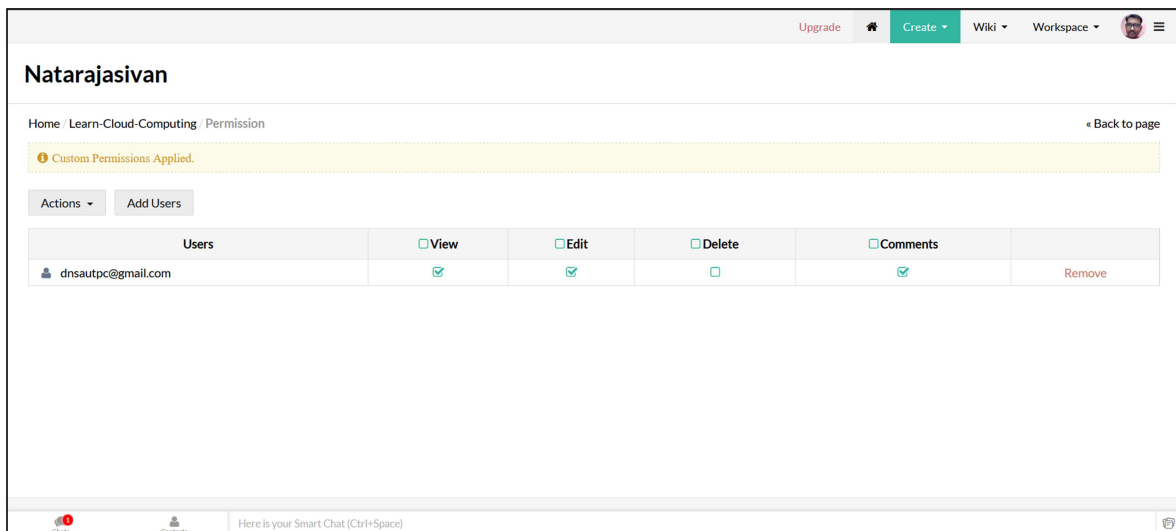
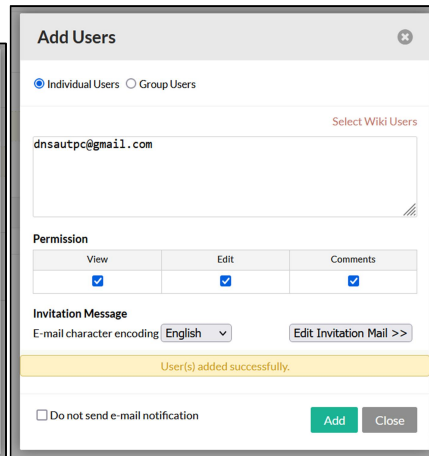
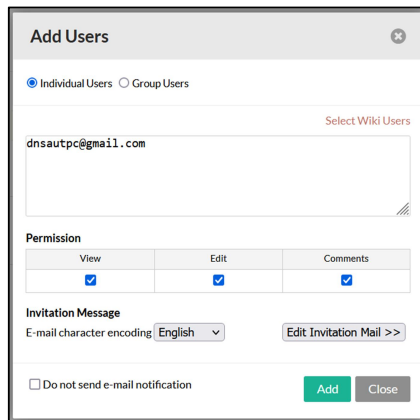
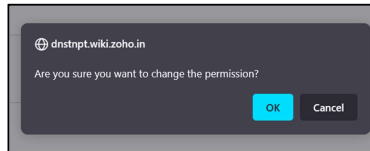
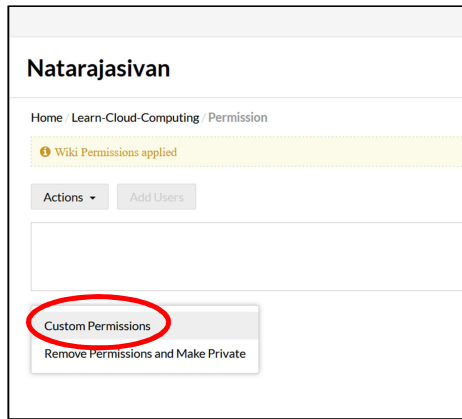
[Edit Sidebar](#)

Here is your Smart Chat (Ctrl+Space)

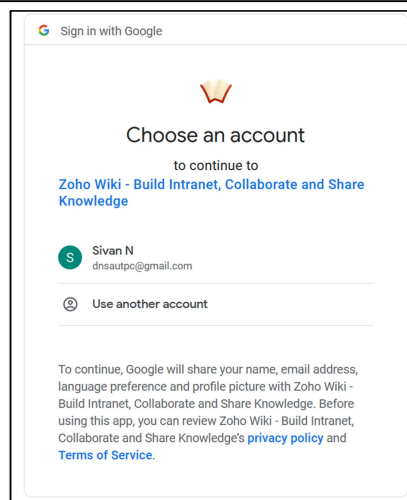
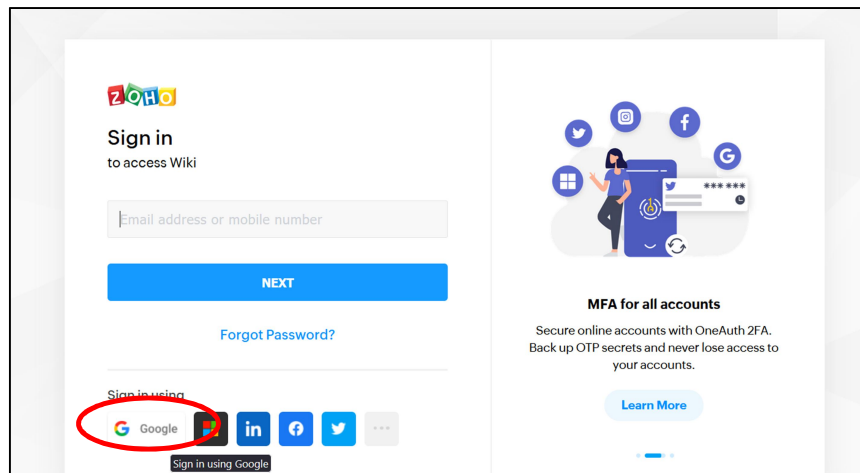
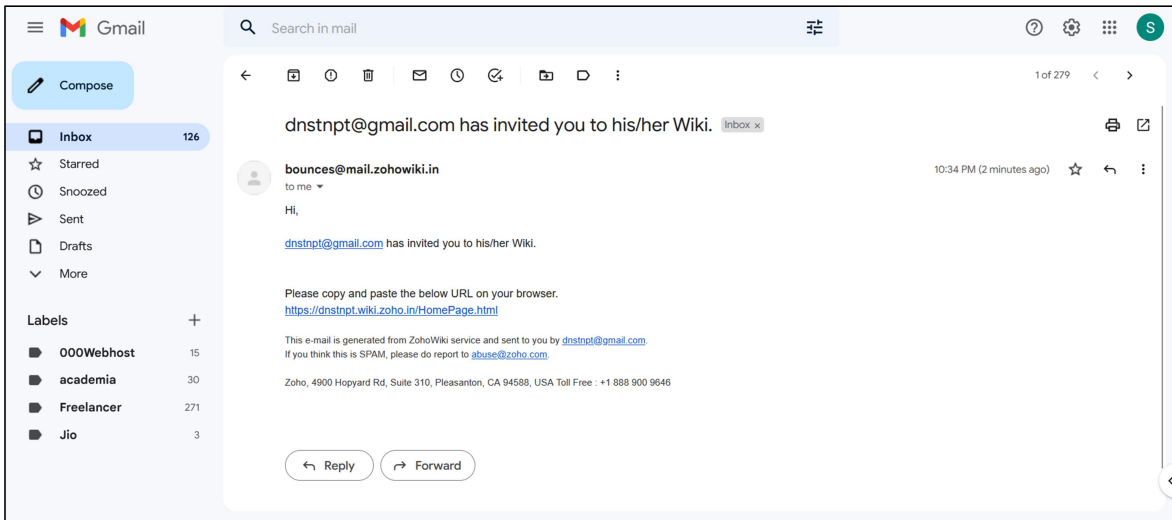
13. Open Home Page and make changes in it. Save and close the Wiki Page.



15. Select Custom Permissions from Actions. Add users with permissions and send invitation mail.



16. Ask the user to open the invitation mail and collaborate with wiki. Login with Google account.



17. Make changes in the shared wiki and Save it.

Learn Cloud Computing

Save Save and Close Close

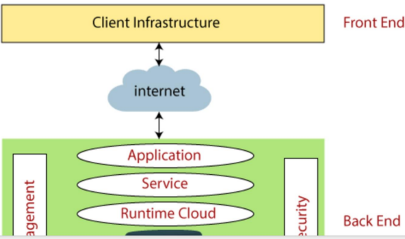
Arial 10 pt Heading 1 B I U S A Tl |≡≡≡ Insert x₂ x² ↺ C ↻ 🏠 </>

Cloud Computing Architecture with Diagram

Cloud computing technology is used by both small and large organizations to **store the information** in cloud and **access** it from anywhere at anytime using the internet connection.

Cloud computing architecture is a combination of **service-oriented architecture** and **event-driven architecture**.

Architecture of Cloud Computing



The diagram illustrates the Architecture of Cloud Computing. It is divided into two main sections: Front End and Back End. The Front End consists of a yellow box labeled 'Client Infrastructure'. The Back End consists of a green box containing three stacked ovals labeled 'Application', 'Service', and 'Runtime Cloud'. A blue cloud labeled 'internet' is positioned between the Client Infrastructure and the Back End. Double-headed arrows indicate bidirectional communication between the Client Infrastructure and the internet, and between the internet and the Back End. The Back End box is flanked by vertical bars labeled 'Management' on the left and 'Security' on the right.

Client Infrastructure Front End

internet

Application Service Runtime Cloud Back End

Management Security

Here is your Smart Chat (Ctrl+Space)

Result:

Thus implementation of web services by creating your blog and collaborating via wikis is completed and verified.