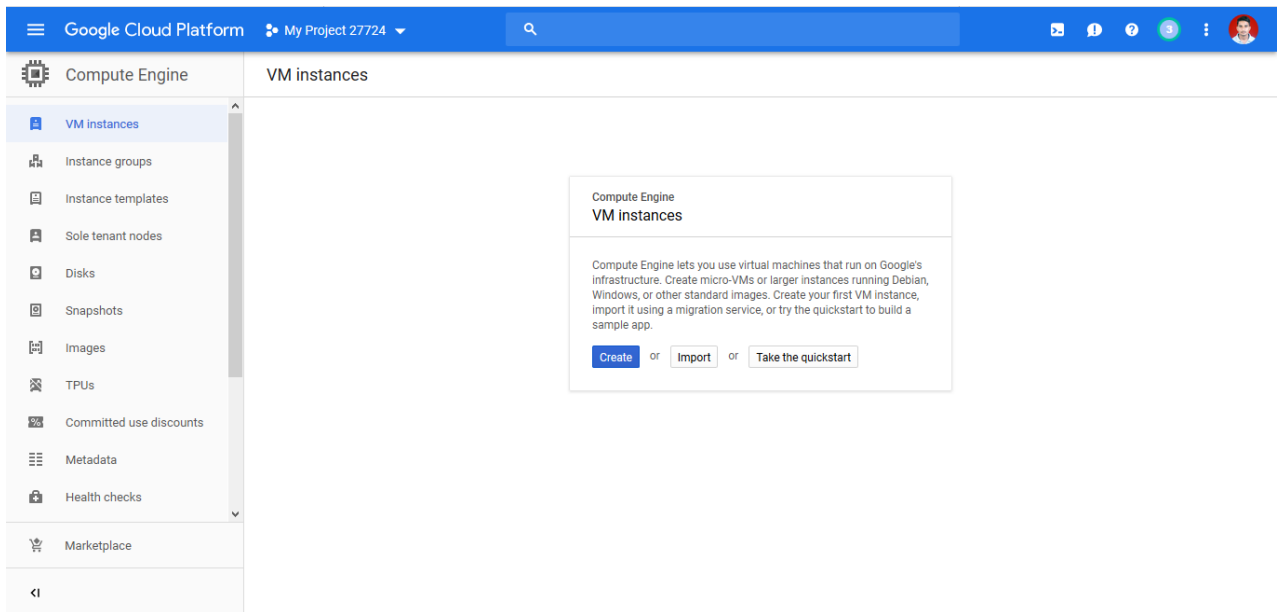
		Hope Foundation's	
		Finolex Academy of Management and Technology, Ratnagiri Information Technology Department	
Subject name: Cloud Service Design Lab			Subject Code: ITC603
Class	TE IT	Semester – VI (CBCGS)	Academic year: 2018-19
Name of Student	Kazi Jawwad A Rahim		QUIZ Score :
Roll No	27	Experiment No.	02
Title: Deployment of WordPress.com on google cloud platform.			

1. Course objectives applicable COB1. To get familiar with cloud computing services. COB4. To understand cloud implementation and programming.
2. Course outcomes applicable: CO1 : To use and examine different cloud services CO3 – To describe key components of google cloud
3. Learning Objectives: <ol style="list-style-type: none"> To understand the concept of type cloud implementation. To get familiar with google cloud platform To deploy wordpress.com on cloud environment To know key factors in google cloud service
4. Practical applications of the assignment/experiment: Deployment of wordrpress.com on google cloud environment
5. Prerequisites: <ol style="list-style-type: none"> Google cloud subscription Internet connectivity At least a 100mbps network card; multiple gigabit suggested
6. Hardware Requirements: <ol style="list-style-type: none"> PC with 4GB RAM, 500GB HDD / Typically a server machine if available
7. Software Requirements: <ol style="list-style-type: none"> Google chrome, mozilla firefox web browsers

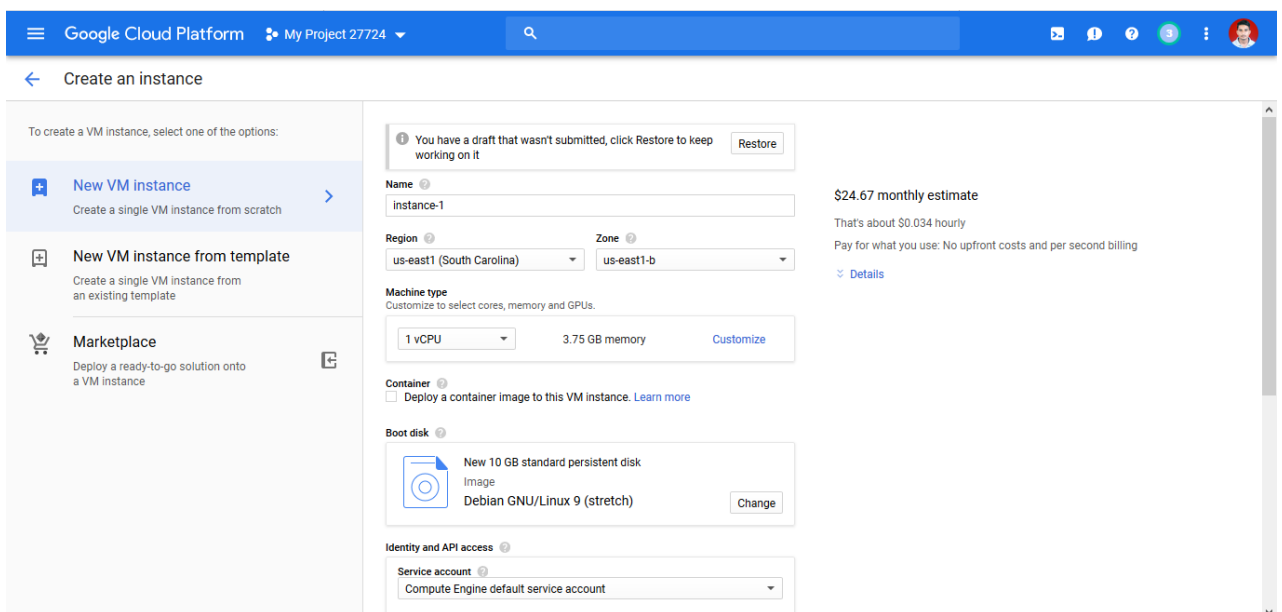
8. Experiment/Assignment Evaluation:			
Sr. No.	Parameters	Marks obtained	Out of
1	Technical Understanding (Assessment may be done based on Q & A <u>or</u> any other relevant method.) Teacher should mention the other method used -		6
2	Neatness/presentation		2
3	Punctuality		2
Date of performance (DOP)		Total marks obtained	10
Date of checking (DOC)		Signature of teacher	

11. Implementation Steps –

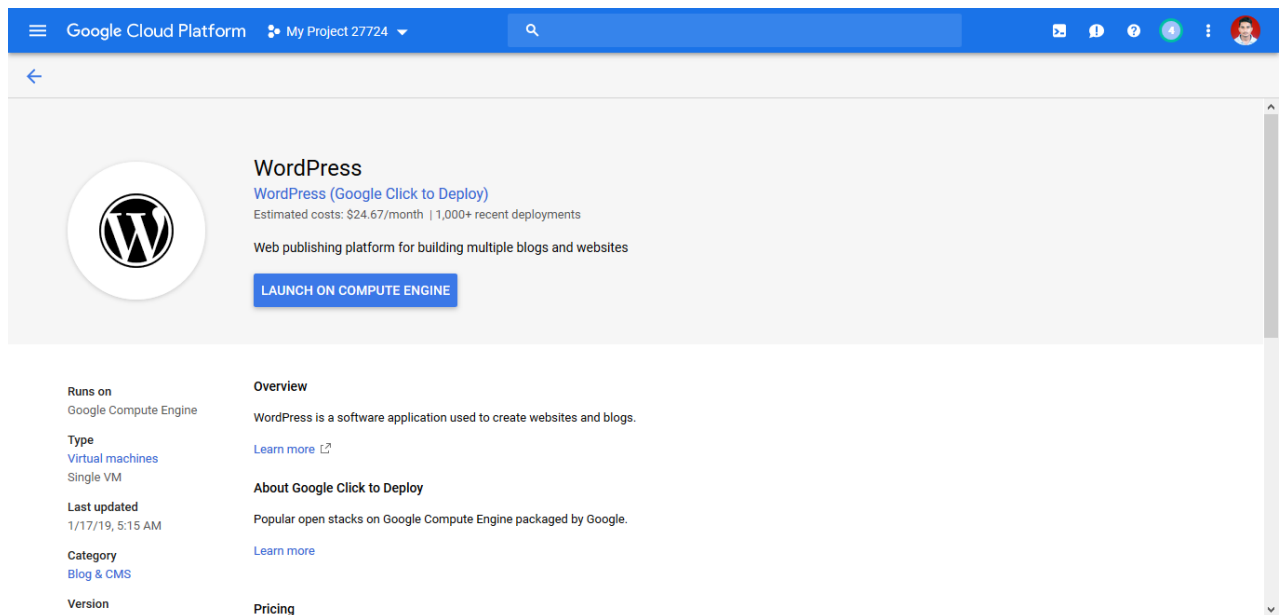
Step 1: Create account on cloud.google.com . Later create a new VM instance.



Step 2: Fill proper details.

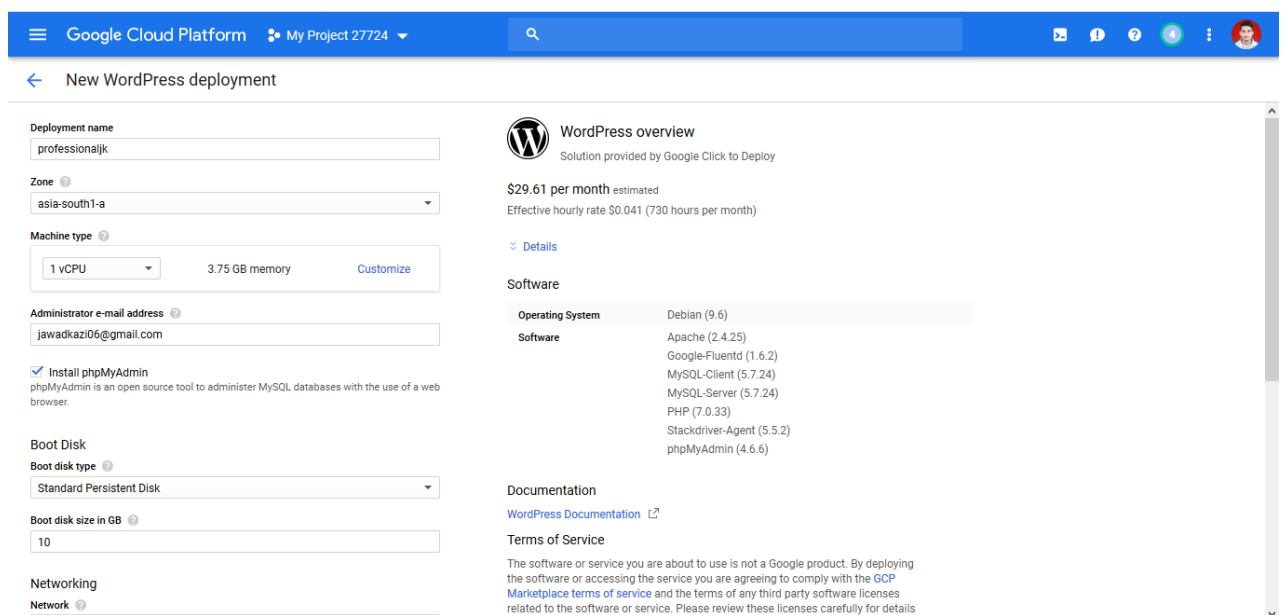


Step 3: Now create a new wordpress website as select Wordpress from search box.



The screenshot shows the Google Cloud Platform marketplace page for WordPress. The header includes the Google Cloud Platform logo, the project name 'My Project 27724', and a search bar. The main content area features the WordPress logo, the text 'WordPress (Google Click to Deploy)', estimated costs of '\$24.67/month | 1,000+ recent deployments', and a description: 'Web publishing platform for building multiple blogs and websites'. A prominent blue button labeled 'LAUNCH ON COMPUTE ENGINE' is visible. Below this, there are sections for 'Runs on' (Google Compute Engine), 'Type' (Virtual machines, Single VM), 'Last updated' (1/17/19, 5:15 AM), 'Category' (Blog & CMS), 'Version', 'Overview' (WordPress is a software application used to create websites and blogs), 'About Google Click to Deploy' (Popular open stacks on Google Compute Engine packaged by Google), and 'Pricing'.

Step 4: Select launch on compute engine and fill proper details.



The screenshot shows the 'New WordPress deployment' configuration page in the Google Cloud Platform. The left sidebar contains configuration options: 'Deployment name' (professionaljk), 'Zone' (asia-south1-a), 'Machine type' (1 vCPU, 3.75 GB memory), 'Administrator e-mail address' (jawadkaz06@gmail.com), 'Install phpMyAdmin' (checked), 'Boot disk type' (Standard Persistent Disk), 'Boot disk size in GB' (10), and 'Networking' (Network). The right sidebar shows the 'WordPress overview' with a 'Solution provided by Google Click to Deploy', estimated cost of '\$29.61 per month', and a list of software components: Operating System (Debian 9.6), Software (Apache 2.4.25, Google-Fluentd 1.6.2, MySQL-Client 5.7.24, MySQL-Server 5.7.24, PHP 7.0.33, Stackdriver-Agent 5.5.2, phpMyAdmin 4.6.6). It also includes links for 'Details', 'Documentation' (WordPress Documentation), and 'Terms of Service'.

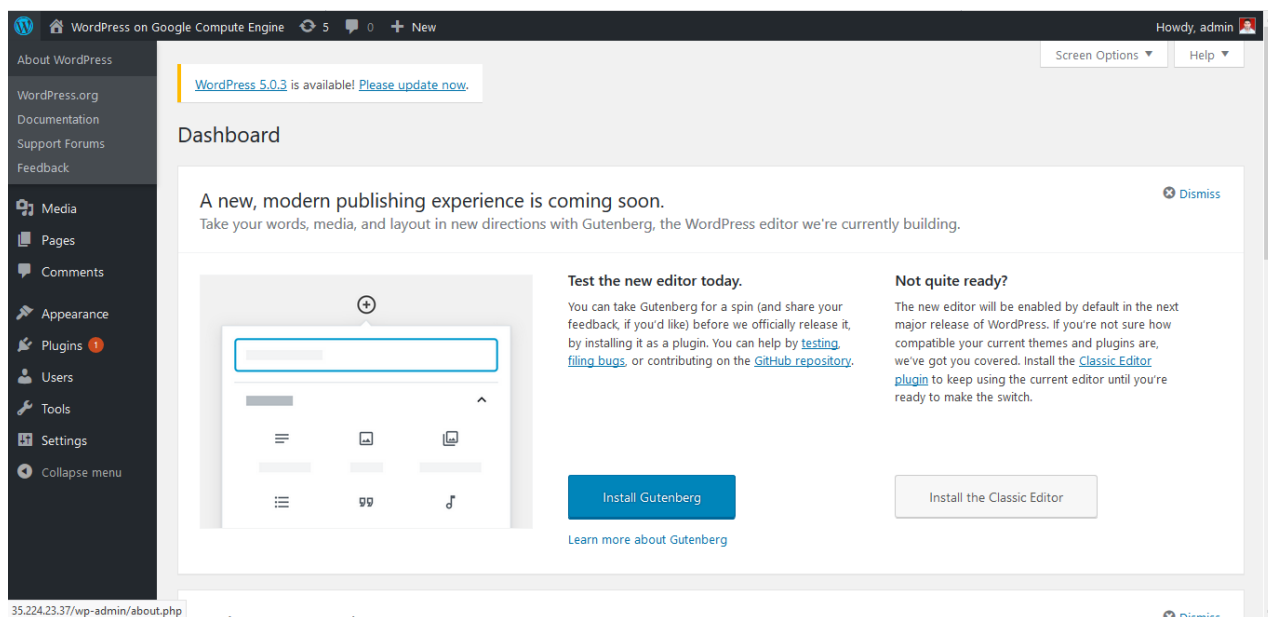
Step 5: Now the wordpress website has been created.

The screenshot shows the Google Cloud Platform interface. On the left, the 'Deployment Manager' sidebar is visible with 'Deployments' and 'Type registry' options. The main area displays the 'professionalijk' deployment. A green checkmark indicates 'professionalijk has been deployed'. Below this, a tree view shows the deployment structure, including 'wordpress' and 'wordpress-jinja'. The 'wordpress' deployment is expanded, showing sub-deployments like 'wordpress-vm-impl', 'professionalijk-vm', 'generated-password-0', 'generated-password-1', 'generated-password-2', 'software-status', 'professionalijk-config', 'professionalijk-software', and 'professionalijk-tcp-80'. On the right, the 'wordpress' deployment details are shown. It includes the WordPress logo and the text 'Solution provided by Google Click to Deploy'. The details are organized into sections: 'Site address' (http://35.224.23.37/), 'Admin URL' (http://35.224.23.37/wp-admin/), 'WordPress MySQL user' (wordpress), 'WordPress MySQL password (Temporary)' (y9LgSLv), 'MySQL root user' (root), 'MySQL root password (Temporary)' (SVTY1H6bsBVF3P), 'WordPress Admin user' (jawadkazi06@gmail.com), 'WordPress Admin password (Temporary)' (X2S+iaLF), 'Instance' (professionalijk-vm), 'Instance zone' (us-central1-f), and 'Instance machine type' (n1-standard-1). Below these details, there is a 'More about the software' section, a 'Get started with WordPress' section with a 'Log into the admin panel' button and an 'SSH' dropdown, and a 'Suggested next steps' section with a link to 'Access the phpMyAdmin web interface'.

Step 6: Now go to wordpress.com and log in with credentials used for building website.

The screenshot shows a web browser window displaying the WordPress login page. The browser's address bar shows the URL '35.224.23.37/wp-login.php?redirect_to=http%3A%2F%2F35.224.23.37%2Fwp-admin'. The page features the WordPress logo at the top center. Below the logo is a login form with two input fields: 'Username or Email Address' and 'Password'. The 'Username or Email Address' field contains the text 'jawadkazi06@gmail.com'. The 'Password' field is masked with dots. Below the password field is a checkbox labeled 'Remember Me' which is checked. To the right of the checkbox is a blue 'Log In' button. Below the login form, there is a link for 'Lost your password?'. At the bottom of the page, there is a link that says 'Back to WordPress on Google Compute Engine'.

Step 7: After log in you will be in dashboard. You can change settings in dashboard.



12. Results

Your homepage will be similar to following -

