# **TASK-14**

**PREPARED AND SUBMITTED BY**

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## **SOLUTION**

* **Open a virtual machine in the Google Cloud Platform in the virtual machine instance using ssh keys.**
* **Create a pair of ssh keys and upload the public key to the googlecloud console metadata.**
* **After creating a virtual machine , the name of the virtual machine, its external ip , its internal ip, zone, and mode of connection - here its ssh keys.**
* **The external ip is** [**http://34.45.57.33**](http://34.45.57.33)**.**
* **Now , we have to connect it with the Kali OS using the ssh private key.**
* **After connecting it , just view through the system.**
* **To do the first part of the question, use the git clone command to copy and store the task12 repo in /var/www/html folder and simultaneously we need to open an apache server in that same folder. Now by using the external ip , using the external ip** [**http://34.45.57.33**](http://34.45.57.33) **, we can view the webpage.**
* **In the 2nd question, we have to install the php as well at the mysql servers and have to start the mysql server .**
* **Login to mysql with the root user and a password of your choice.**
* **Inside the mysql we need to create and use a database named “webuser1”, and the username as “witcher” and password as “witcher123”. Give all the requirements of the registration form such as “First name, Last name, E-mail id, Password, and confirm Password”.**
* **After Exiting from mysql, We need to create a registration file using the php script and a registration form in the html format. In the registration php script we need to give the servername,the value as that of our external ip, the username, and the password of the database, as well as the name of the database provided in mysql.**
* **Now we also need a javascript to enable the scripting as well a css file for giving some font elements to the webpage**
* **Similarly create a login file using the php script and the login page in the html format. Here, also in the login php file we need to give the value of servername as that of the external ip, the username, the password, and the database name as given in mysql.**
* **In the local browser, verify the register.html and login.html using the external ip address.**
* **Now login into my sql with username and password created, open the corresponding database and look for the tables inside that database.**