**MANUAL: RUNNING MEDIAWIKI ON UBUNTU**

Open ubuntu in your PC run the all commands

Ensure the Raspberry-Pi is up-to-date

* sudo apt update
* sudo apt upgrade

Install the LAMP Stack on the Raspberry Pi

* sudo apt-get install apache2 mariadb-server php php-mysql libapache2-mod-php php-xml php-mbstring php-apcu php-intl imagemagick inkscape php-gd php-cli php-curl php-bcmath git
* sudo service apache2 reload

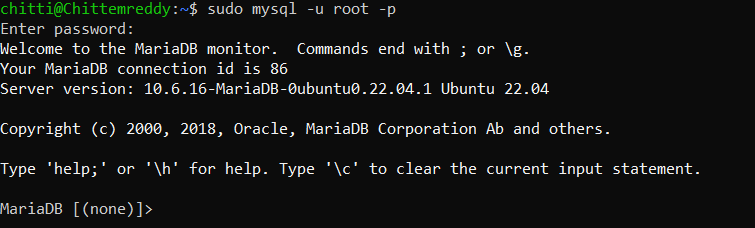
Download and extract MediaWiki

You can find the latest version here -> https://www.mediawiki.org/wiki/Download : latest version is 1.36.1

* cd /tmp/
* wget https://releases.wikimedia.org/mediawiki/1.36/mediawiki-1.36.1.tar.gz
* tar -xvzf /tmp/mediawiki-\*.tar.gz
* sudo mkdir /var/lib/mediawiki
* sudo mv mediawiki-/ /var/lib/mediawiki
* sudo ln -s /var/lib/mediawiki /var/www/html/mediawiki

Configuring the MariaDB Database [login in to the DB]

* sudo mysql -u root -p



*Note: If you have not configured password it will be blank, so just press enter.*

Create the User

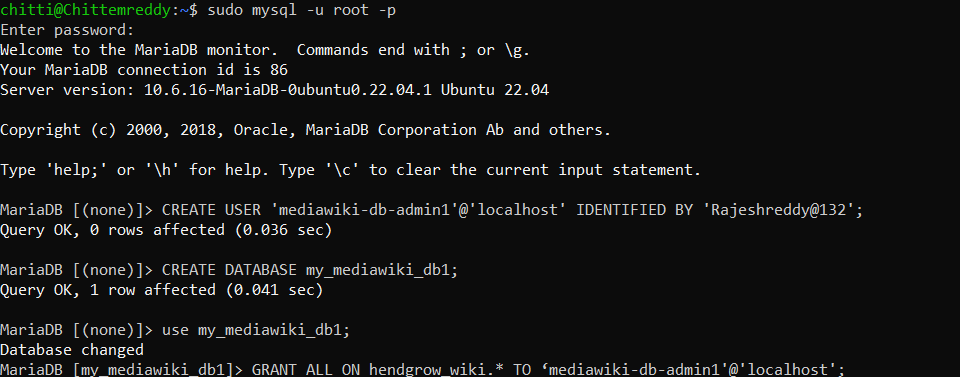
* mysql> CREATE USER 'mediawiki-db-admin'@'localhost' IDENTIFIED BY 'xxxxxxxxxxxx';

Create the Database

* mysql> CREATE DATABASE my\_mediawiki\_db;
* mysql> use my\_mediawiki\_db;

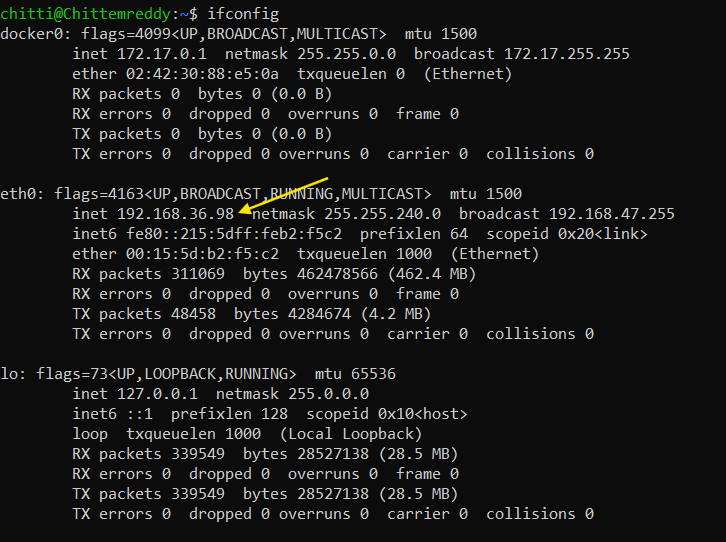
Give the new user access to the new database

* mysql> GRANT ALL ON hendgrow\_wiki.\* TO ‘mediawiki-db-admin'@'localhost';
* mysql> commit;
* mysql> quit;

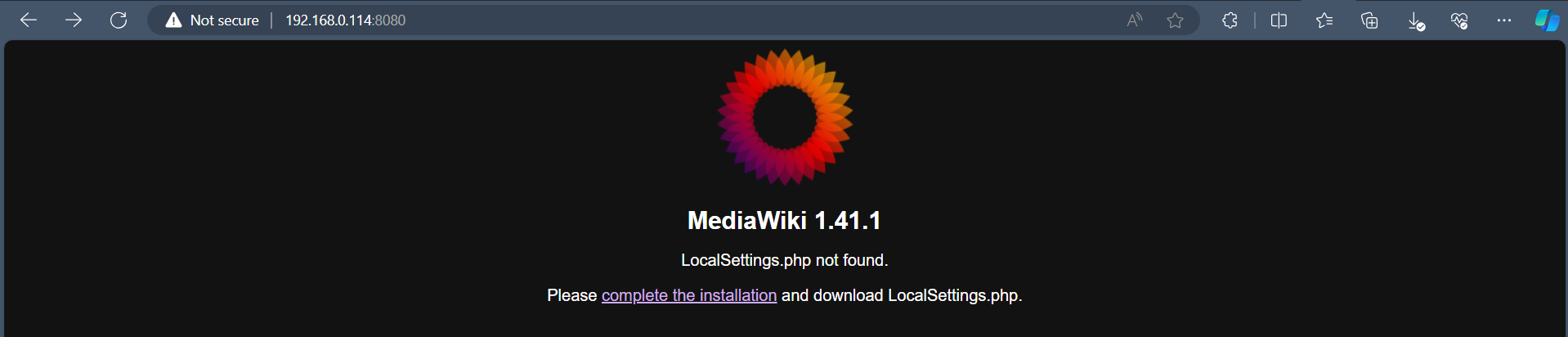


Open your web browser and navigate to your server

Example: http://your-ip-address/mediawiki/   
to know the Ip address below screenshot

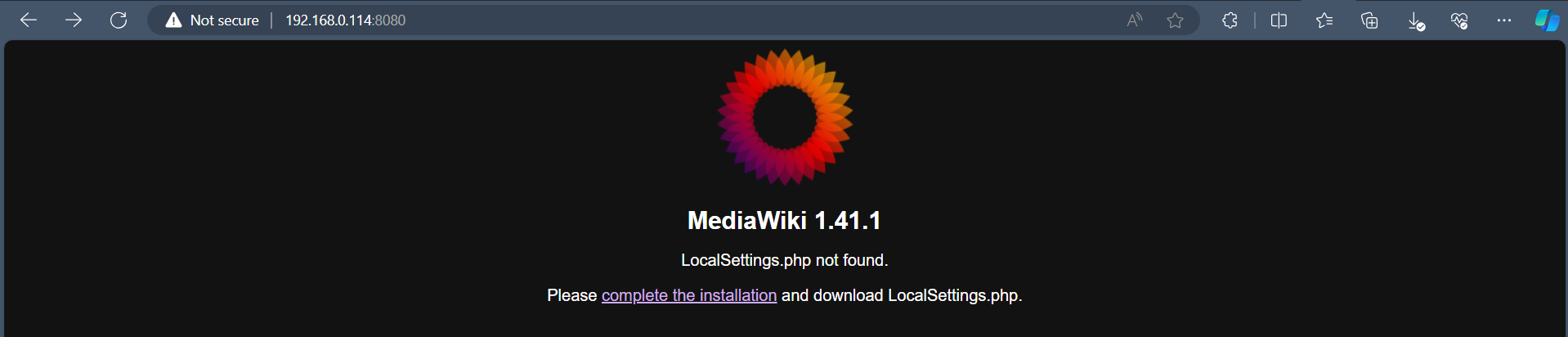


Browse the http://192.168.2.200/mediawiki/

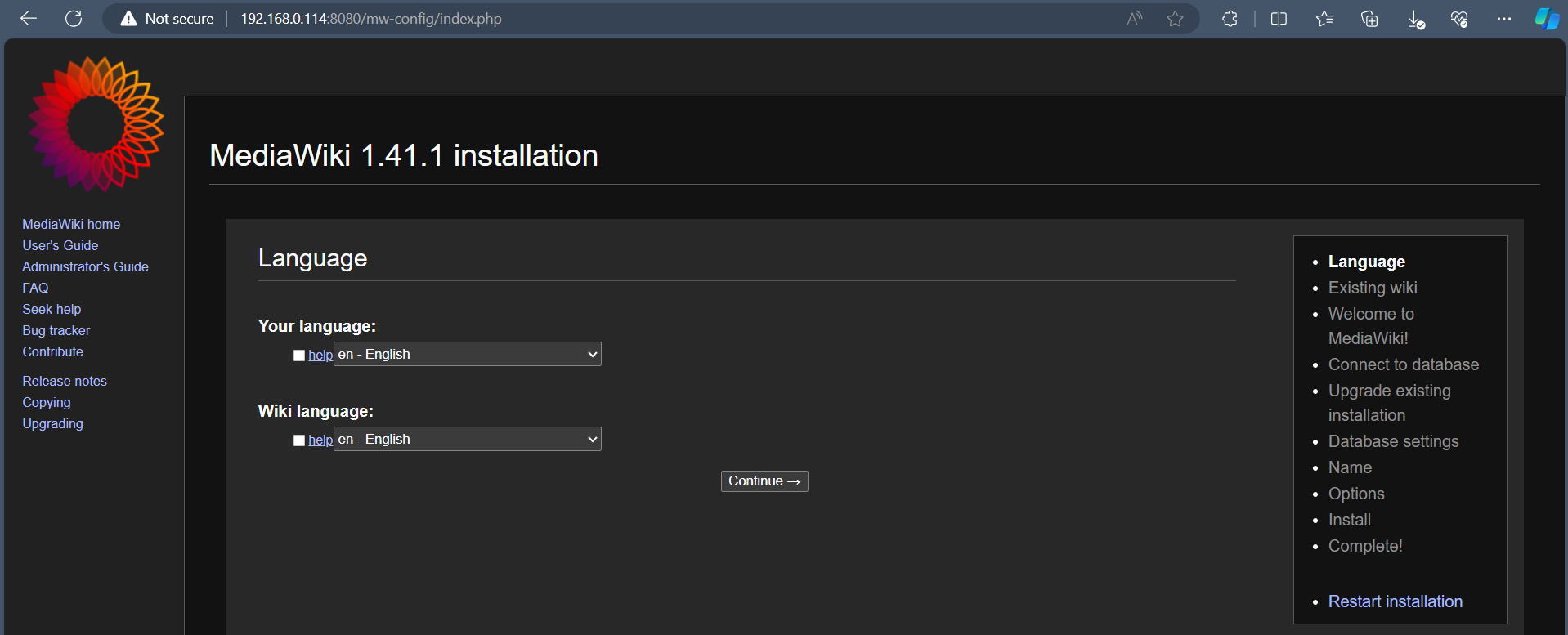


**You should see the following:**

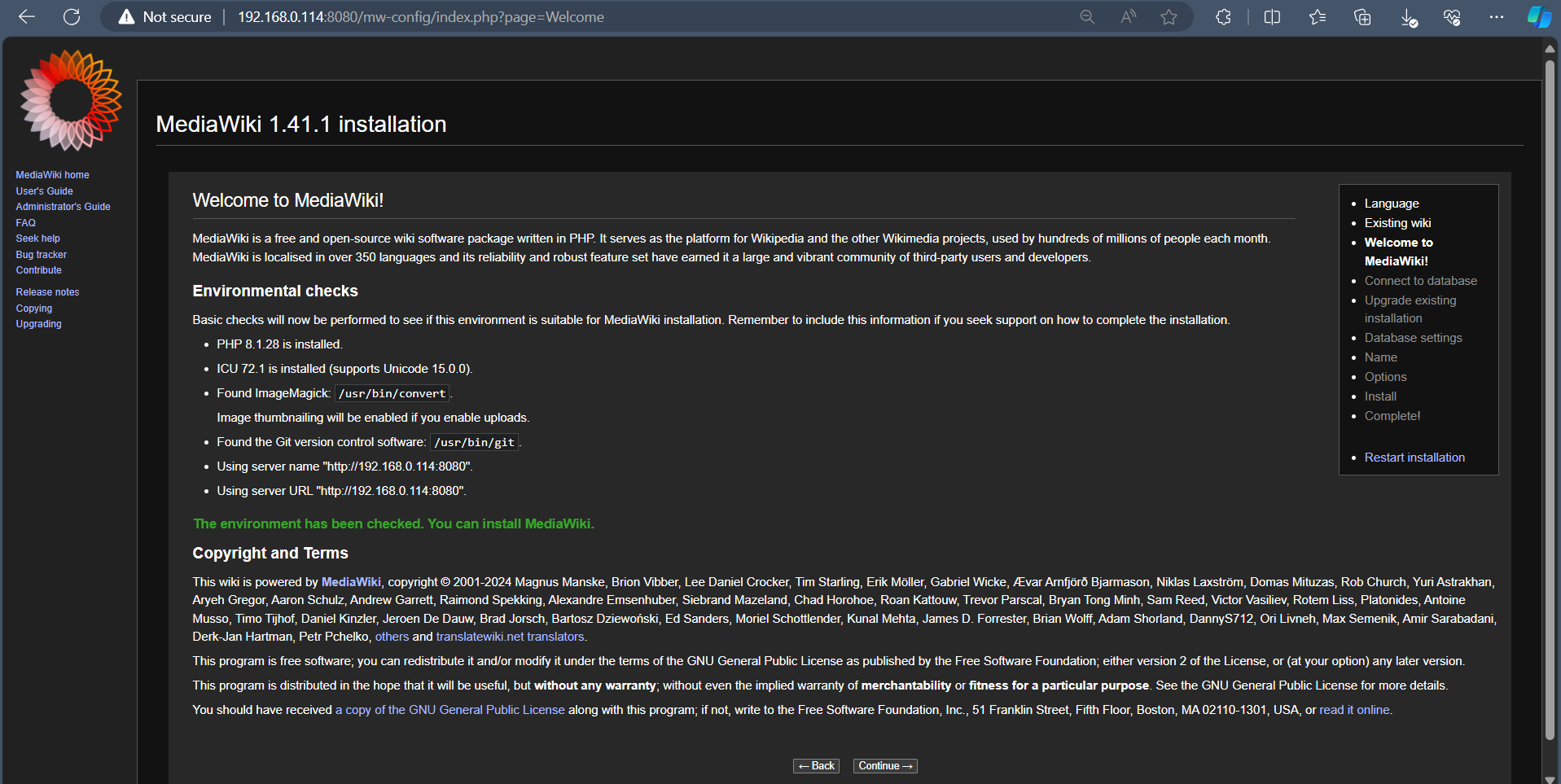
Mediawiki installation:

Click on complete the installation 

Click on continue



Click on Continue



As we mention previously

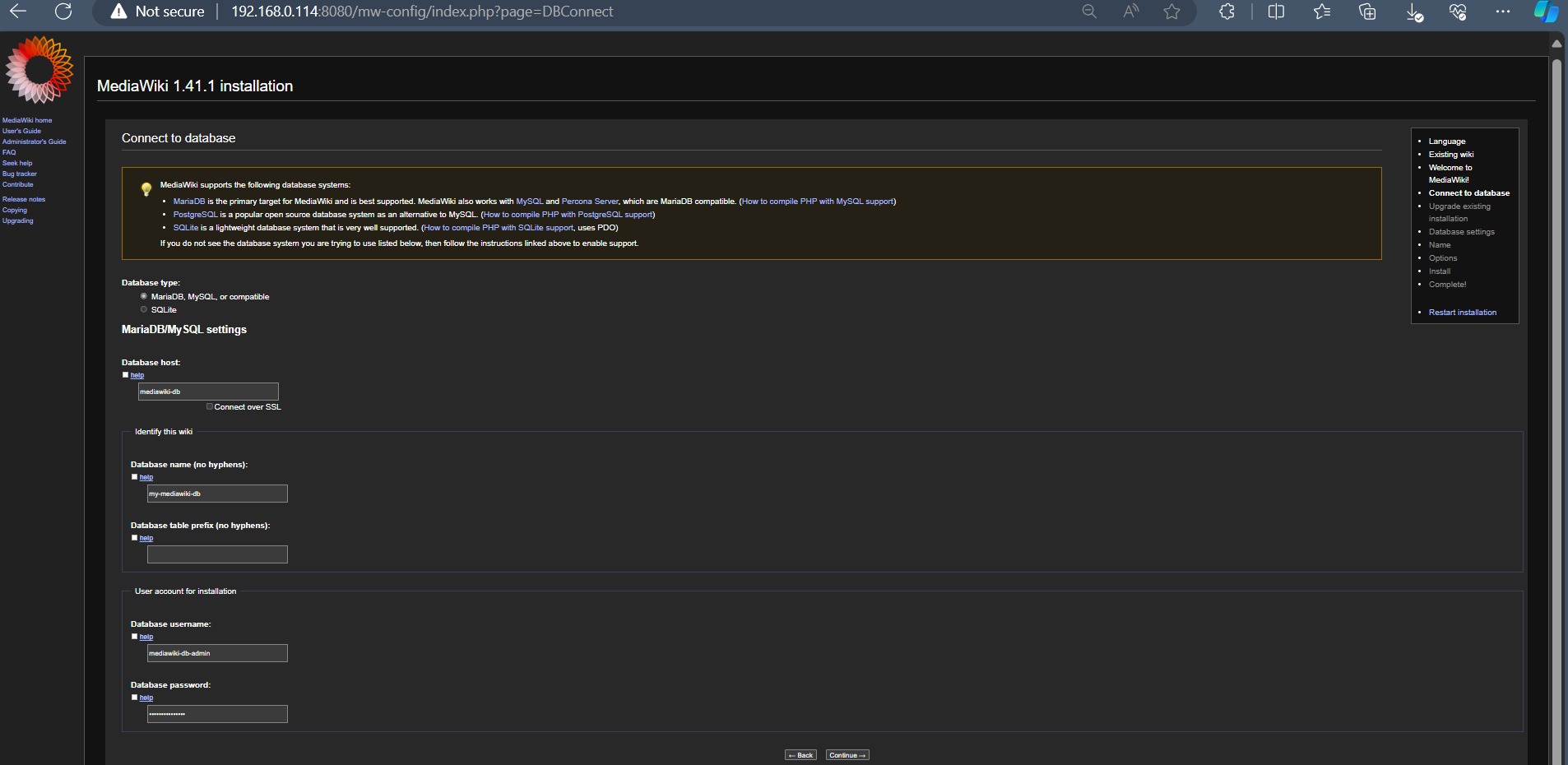
* CREATE USER 'mediawiki-db-admin'@'localhost' IDENTIFIED BY ‘Rajeshreddy@132’;
* DATABASE my\_mediawiki\_db;

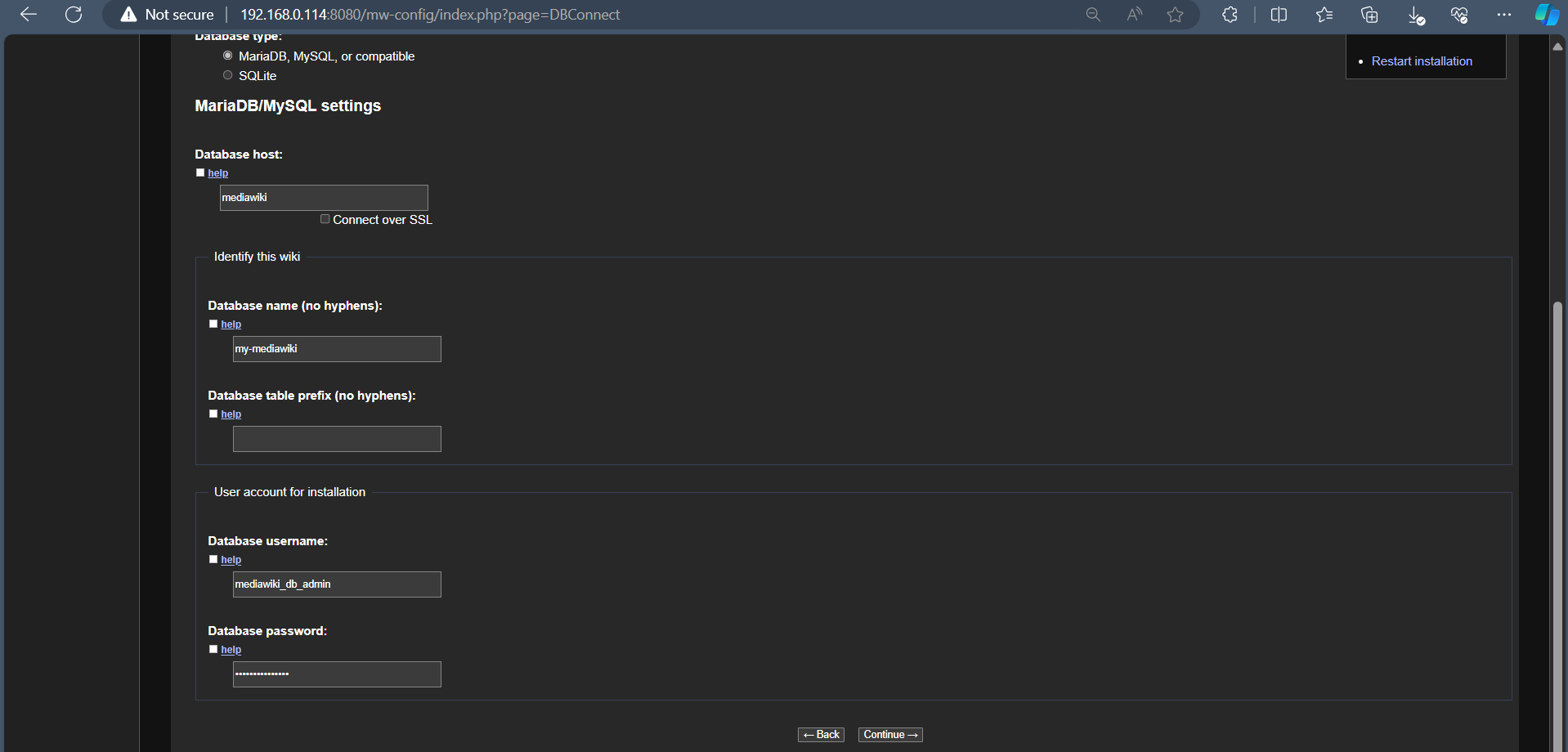
DATABASE Name : my\_mediawiki\_db;

Database Username: mediawiki-db-admin

Database password: Rajeshreddy@132

Configure the DB details:





*While giving continue might get access or privilege issue,*

* *GRANT ALL ON hendgrow\_wiki.\* TO ‘mediawiki-db-admin'@'localhost';*

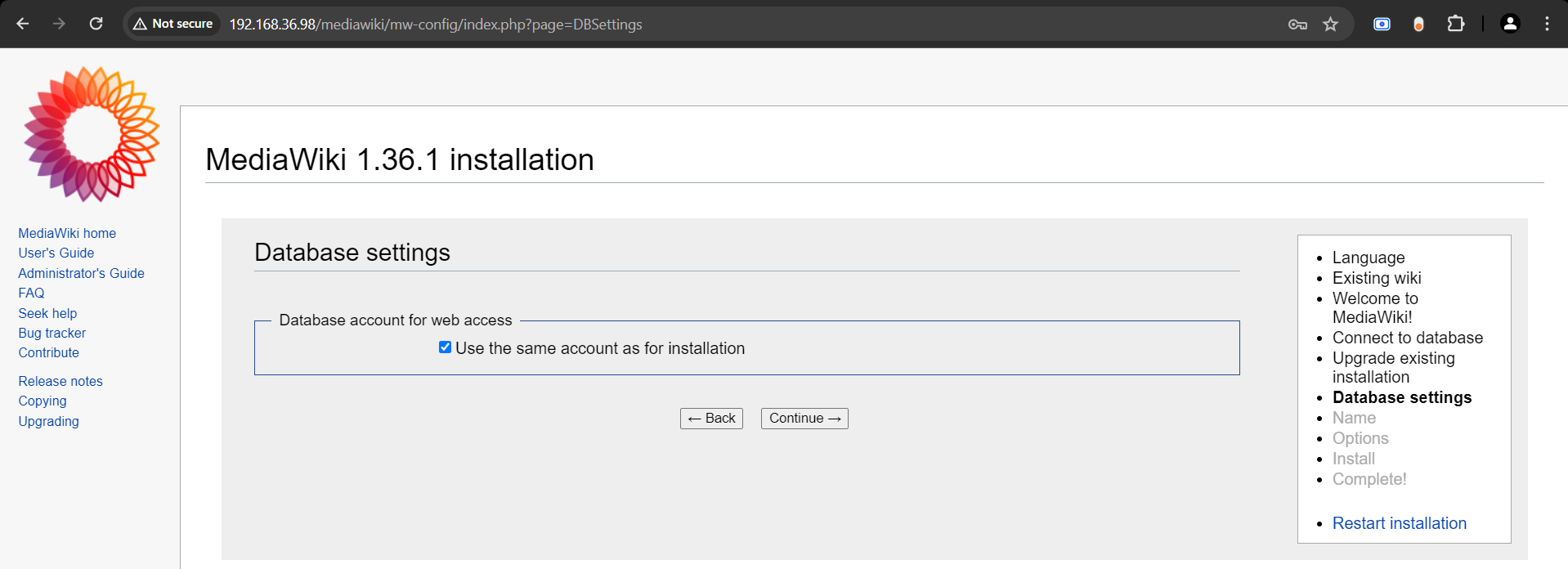
*Above command should be run before installing media wiki*

*Remove the mariadb server and reconfigure it*

* *sudo mysql -u root -p*
* *sudo apt-get remove --purge mariadb-server*
* *sudo apt-get install mariadb-server*
* *sudo systemctl start mariadb.service*

once every think is okay, you will get installation page

click on continue

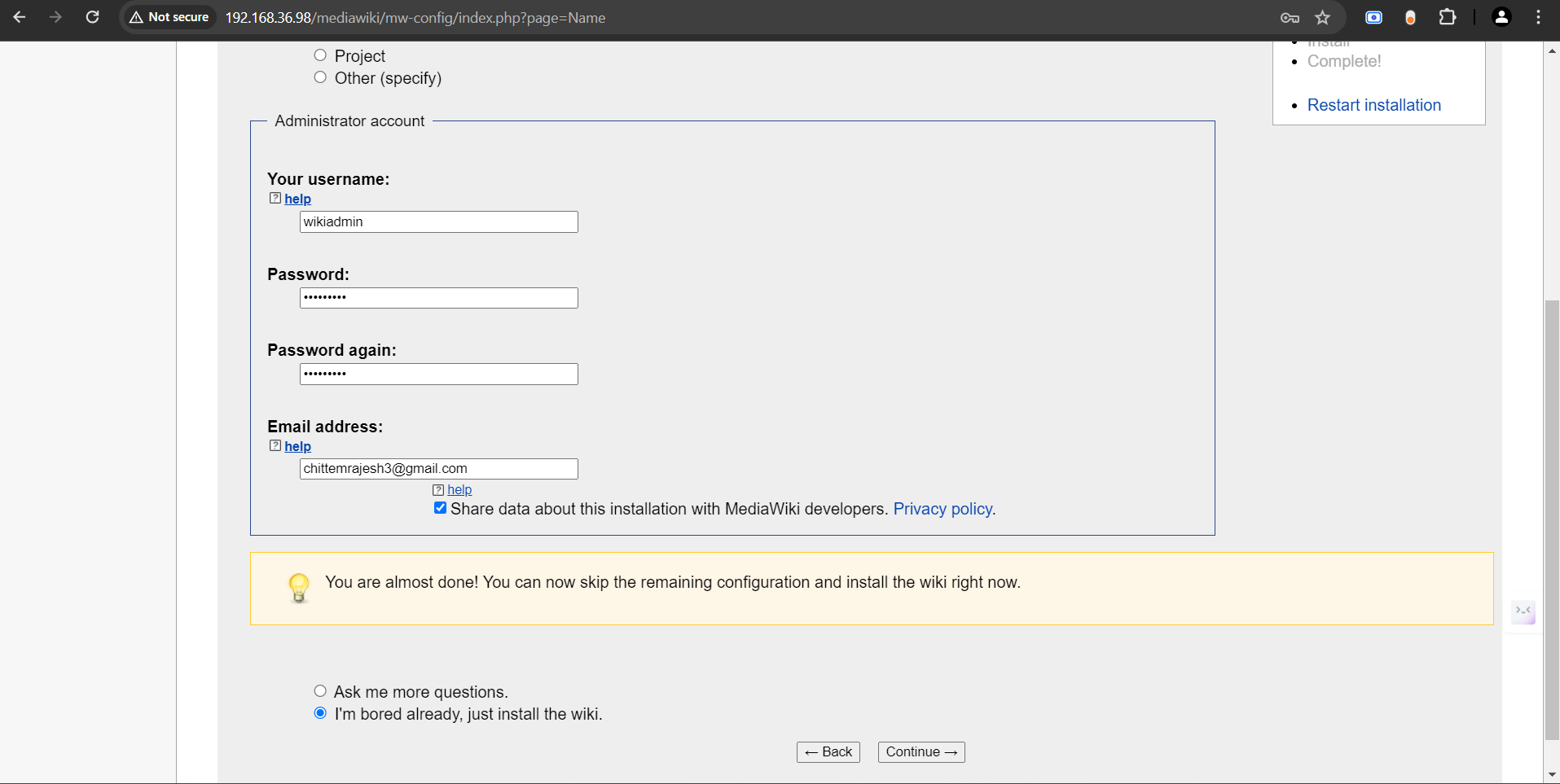


Create your own user name and password

* Username : myuseradmin
* Password : xxxxxxxxxxx
* Mail id : [xxxxxxxx@gmail.com](mailto:xxxxxxxx@gmail.com)

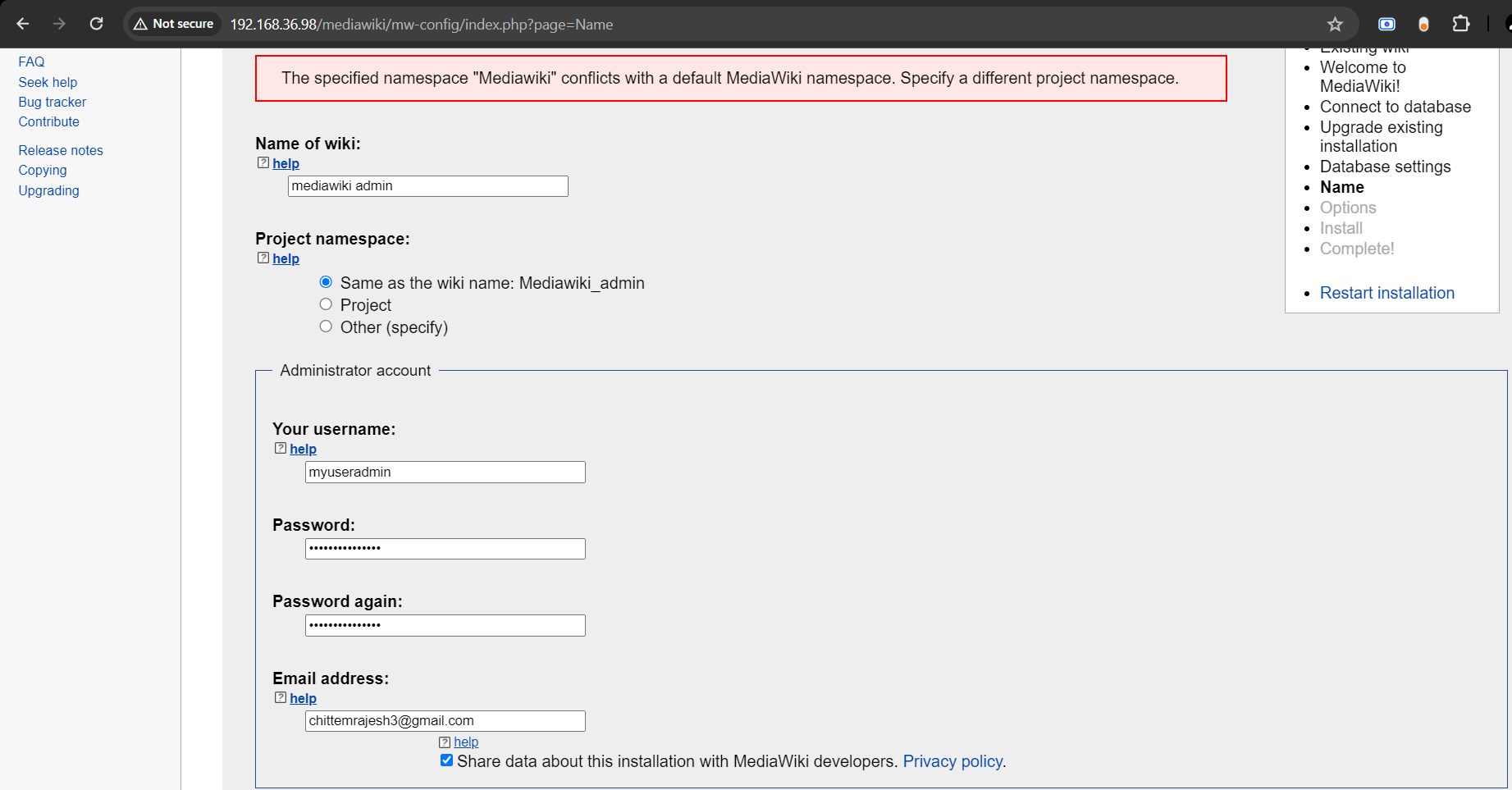
Click on second option call I’m bored already, just install the wiki

Click on continue



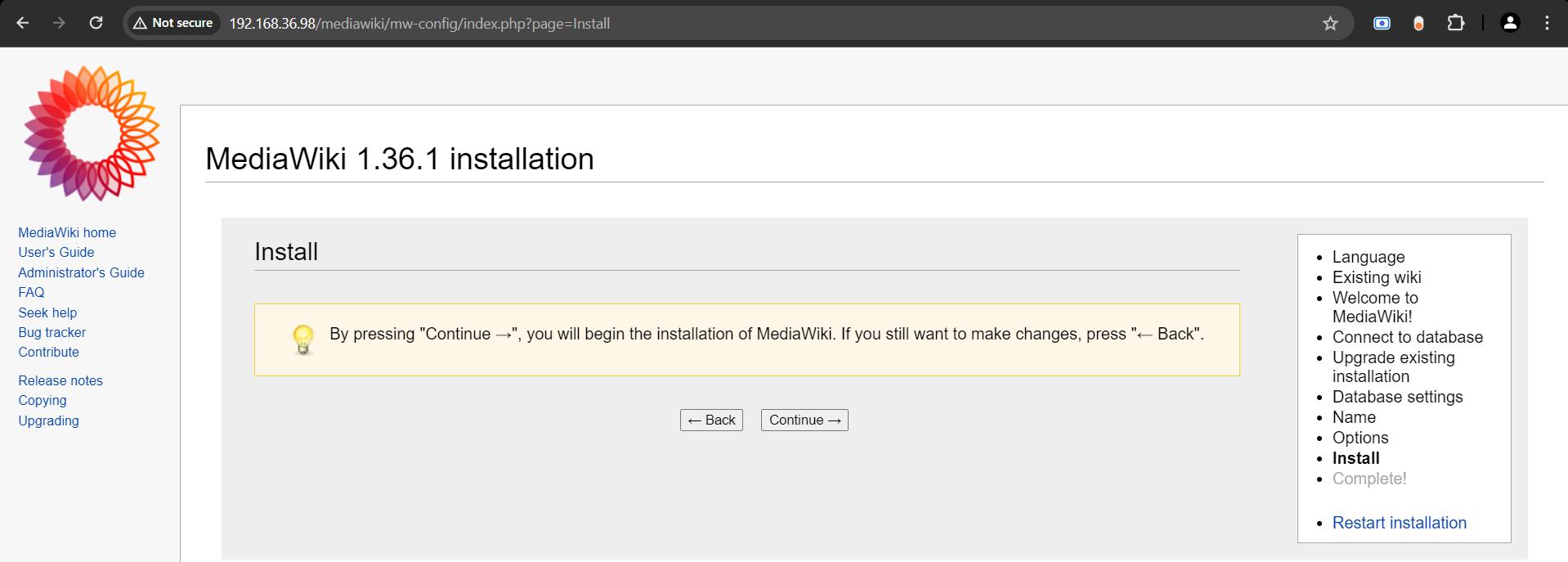
If you are passing the same user name and password it will take, you need give different like

* Username is different and password is different
* Make sure password more than 8 characters

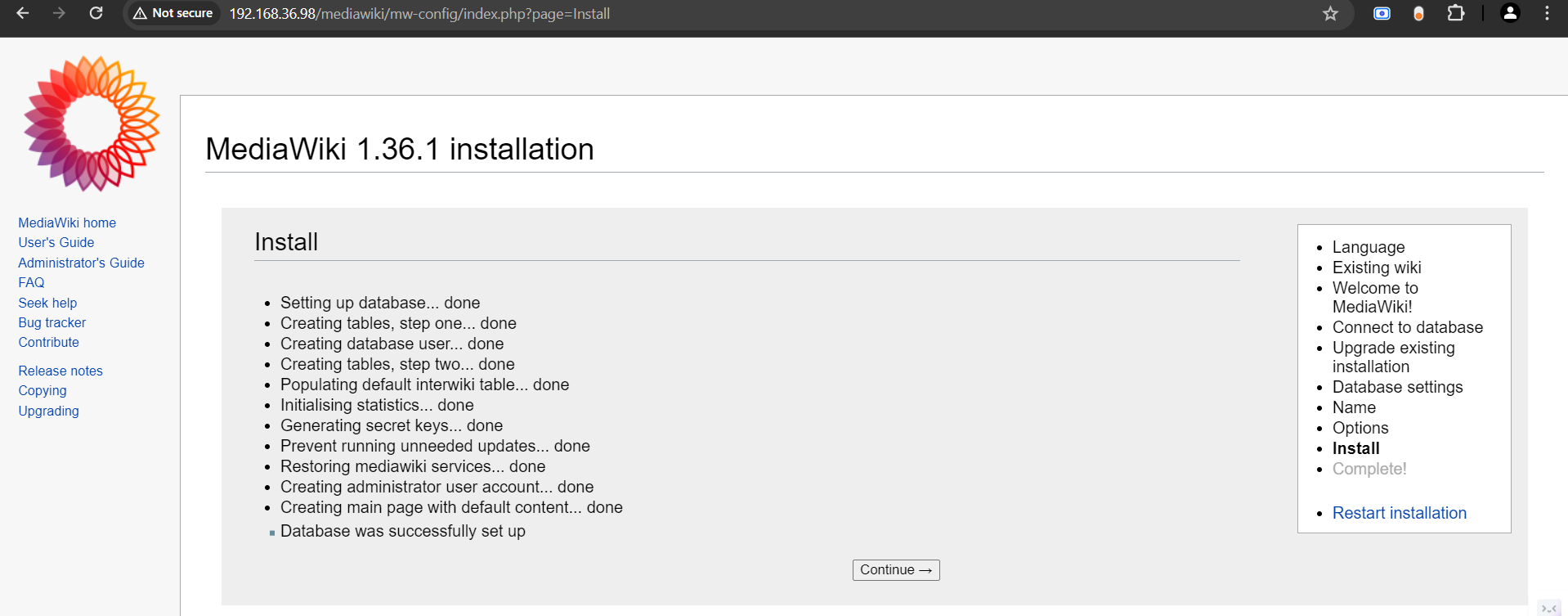


* Username : myuseradmin
* Password: xxxxxxxxxxxxx

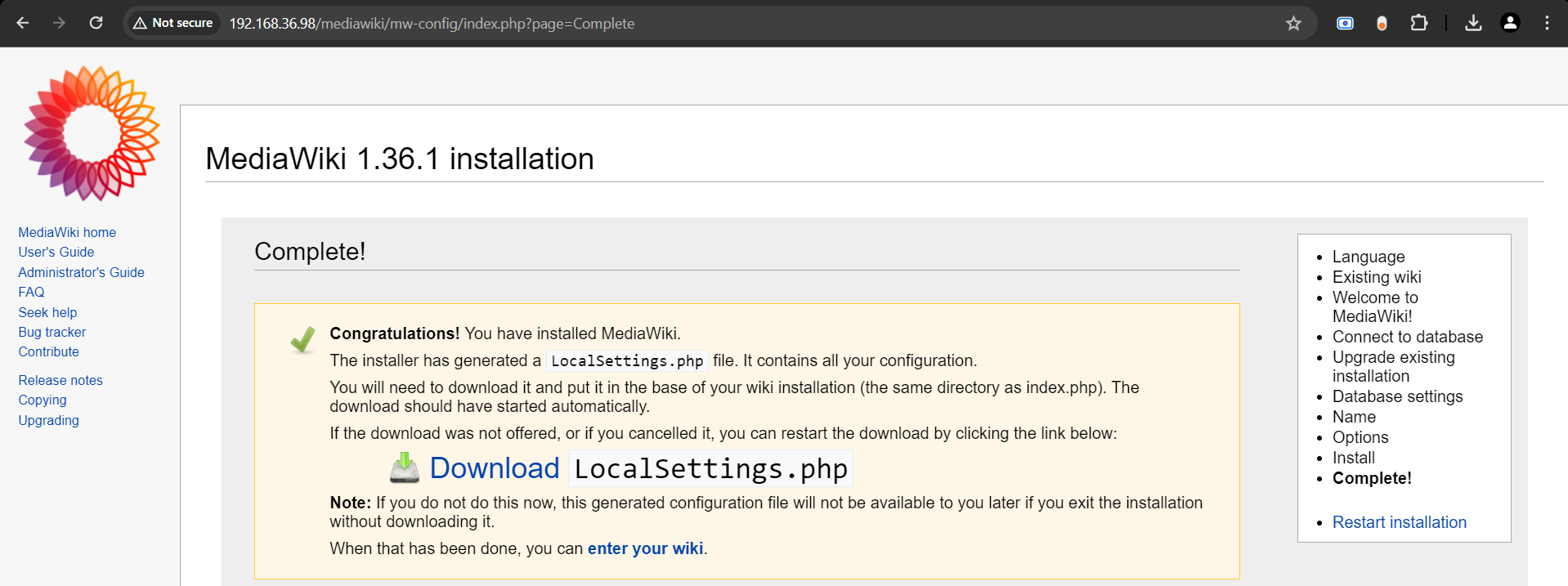
Click on continue



Click on continue



Click on to the file and file have Downloaded



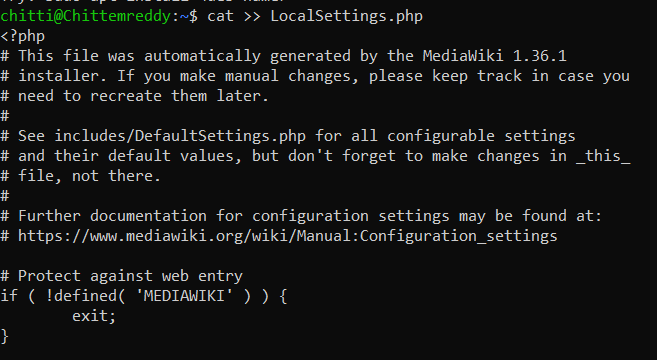
Download the “Localsettings.php” and copy it to your servers base wiki installation folder.

Open downloader file manager in PC and open that file in notepad++

Copy the all the content

Got to ubuntu go this that

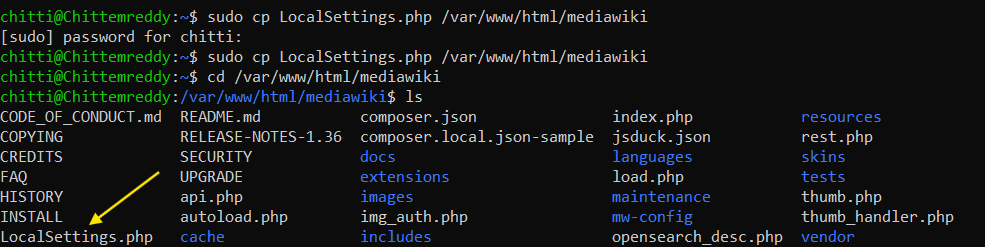
Create new file using cat command



* Cat >> Localsettings.php

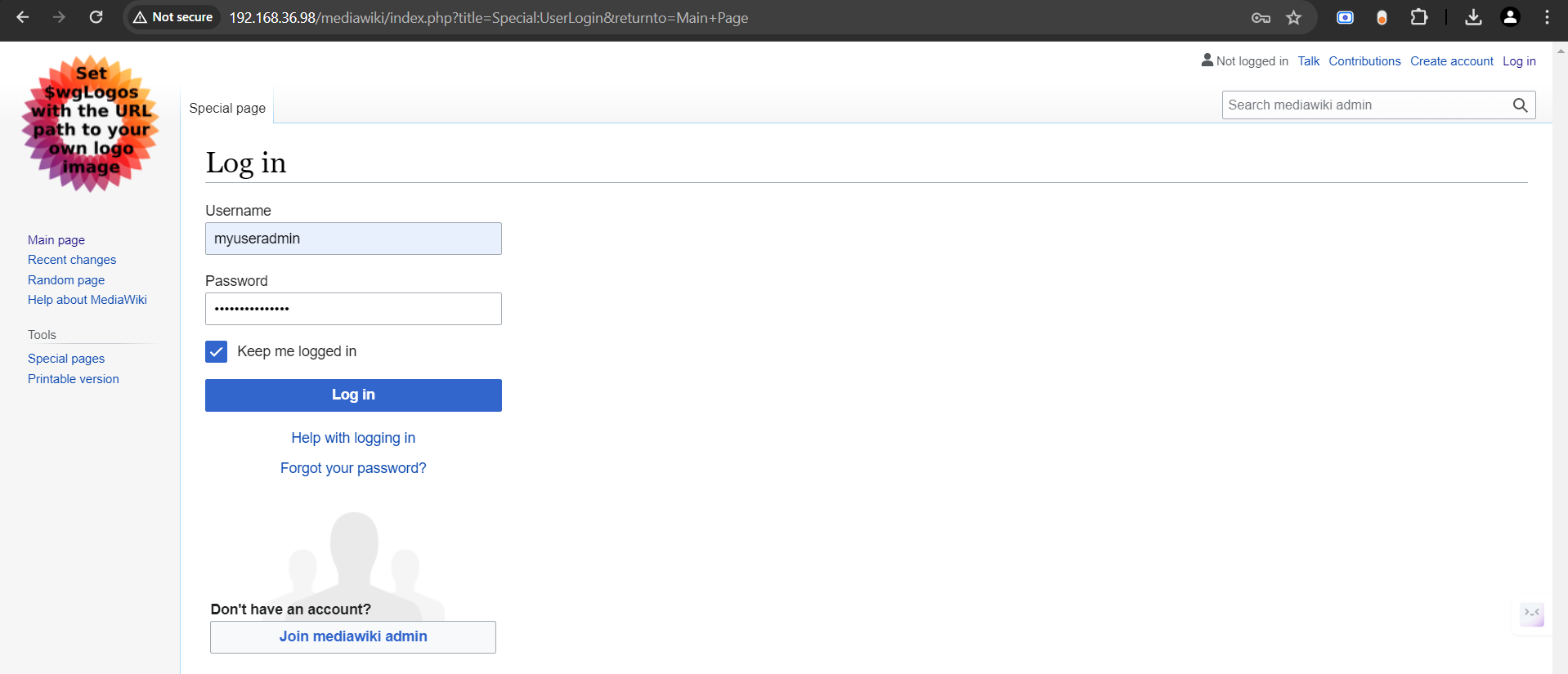
And paste the content and save that file

* Sudo cp Localsettings.php /var/www/html/mediawiki/



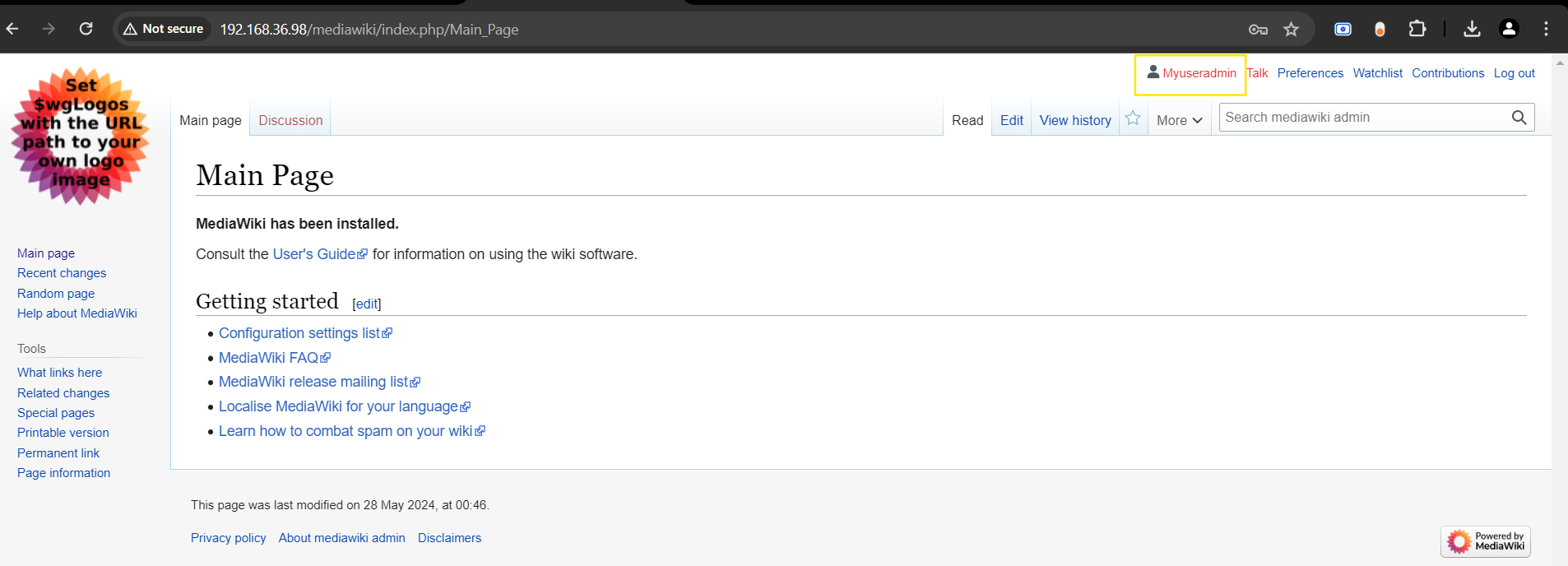
If all good click on to the mediawik home url above

Give your credentials



I can able to login, see my username right top

Username is Myuseradmin



If you need automation on this, I have created New Repository in azure