**DevOps**

* As We install nginx using *sudo apt-get install nginx* command and start service by command *sudo service nginx start* it will start running and listening for incoming connections on port 80 now , Which is default web page of nginx. But it can be changed by changing configurations of nginx.
* By default configuration file is named as Nginx.conf and placed in directory *usr/*local/nginx/conf , *etc/*nginx, or /*usr*/ *local* /*etc* /nginx where we can change configurations of nginx.
* *# sudo apt-get install mysql-server mysql php7.4-mysql* will install mysql and required libraries in order to establish communication with PHP. After next command for secure installation ,the new configurations will be applied, MYSQL process will be started and and it will be ready to use and listening for incoming connections on port 3306.
* Next PHP installation can be done by using command #sudo apt-get install php7.4-fpm. The next step is to configure php and nginx details so they can communicate with each other. By default php7.4-fpm will listen to port 9000.
* *ifconfig -a* command is used where we can mention IP address of local machine.
* After running command *sudo nano nginx server\_name* will define which domain names and/or IP addresses this block should respond for.
* *Location ~ \.php$ in* configuration handles the actual PHP processing ny pointing Nginx to the fastcgi-php.conf configuration file.
* *Sudo nano /var / www/ wordpress /wp-config.php* will take to wordpress configuration file where we can mention Hostname , Username , Database name for mysql in wordpress.