Instruction for the project run

* The assignment is done on laravel framework
* Composer install for dependency of the requirement
* Then you have to run the php artisan migrate command for db initialization
* Then for exercise 1 third question run the command php artisan data:generate when it will execute on command it will prompt for input of n th value
* You have to register this application
* Then the sidebar has a link with name of crud and all crud operation or performs
* For exercise 3 I have use laravel passport for rest api

Question-> telnet to the server

Answer -> $socket = fsockopen("127.0.0.1", 8000);

Question->SSH to a server

Answer -> $conn = ssh2\_connect('example.com', 22);

ssh2\_auth\_password($conn, 'username', 'password');

Question-> disk free space

Answer -> disk\_free\_space()

Question->inode usage

Answer ->fileinode('filename')

Question->scan the files from directory

Answer ->$files = scandir($path);

Question->copy files to remote server

Answer ->

$ cd target-directory

$ cd $HOME

ftp cisco

Connected to cisco.

220 pluto FTP server (SunOS 5.8) ready.

331 Password required for cisco.

Password: xxx

ftp> cd /tmp

ftp> ls

ftp> get filea

Question->Restart apache

Answer -> $ sudo service apache2 restart