1- how to know the php version

php –v

2- how to know the composer version

composer –v

3-**How to update composer**

**-** composer self-update

4-**How to return to my old composer**

**-** composer self-update –rollback

5-reintall composer from the beginning

Go to this link

<https://getcomposer.org/Composer-Setup.exe>

download choice path xamp/php

install okay

to check in git bash

cd c:/

cd xampp

comoser

go to htdocs

composer create-project --prefer-dist laravel/laravel todos-app

6- to run the app on the server at http://127.0.0.1:8000/

**php artisan serve**

**7-stop the server**

**Ctrl + c**

**7-how to create controller**

php artisan make:controller AboutController

**8- how to create model**

**php artisan make:model Todo**

**9- how to create migration file**

php artisan make:migration create\_todos\_table

**10- create migrate that will call up() function**

**php artisan migrate**

**11- to rollback the migrate that will call down() function**

**php artisan migrate:rollback**

**12- to cancel all migration and create new one**

**php artisan migrate:refresh**

13-how to do factory and seed for dummy data when starting create new application

php artisan make:factory TodoFactory

14- how to use factory for dummy data by creating seed

php artisan make:seed TodoSeeder

15- to seed the data to the database run

php artisan db:seed

16- reduce the rows from 10 to 5 then seed by going to TodoSeeder and change count(5)

Then run that drop every thing then go to seed the database

php artisan migrate:refresh --seed