Creating migration(tables of DB)

1. In env. File we scroll to database sentences and change (DB\_HOST)from 127.0.0.1 to=>localhost   
   and change DB\_DATABASE=(DB\_NAME)
2. Open terminal and go to mysql by writing   
   >mysql -u root
3. Then in mysql we have to create database so we write   
   mysql>create database (DB\_NAME);
4. Open new tab in terminal and go to your project path
5. First we make a controller  
   >php artisan make:controller (*ex:* PostsController)
6. Go to VSCode , to Controllers and we make a fuction   
   *ex:* public function index()  
    {

Return view(‘posts/index’);  
 }

1. Then go to resources and create new folder called posts and in posts folder create a new file called ‘index.blade.php’
2. And then go to routs and create a new route  
   (in routes file we write at the top of the file   
   - use App\Http\Controllers\(PostsController)  
   (then we create our route)  
   -Route::get(‘/posts’, [PostsController::class, ‘index’]);

**(we have now created a [database-controller-page called posts-route called posts]**

**Now we have to create a model to interact with database**

1. Then we have to make a migration with model in the same line of terminal by writing  
     
   >php artisan make:model Post -m
2. We have created a model and migration together in the last step
3. Now we go to VSCode and go to migrations file (in database folder) and select our migration that we have created
4. In migration file we have to create tables of our database (in up method)
5. We write   
   $table->*(table type)(tableName);  
   ex:* $table>string(‘title’);

*ex:* $table>increments(‘id’);

1. Now the last step we open terminal and write   
   >php artisan migrate

**Done**