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| Application | Code Used |
| - 1  - 2 | -1  TO INSTALL LARAVEL  Download php composer follow steps , then in Gitbash terminal type: |
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| ---------------------------------------------------------------------------------------🡪  In views Folder |  |
| MVC  From 1)  To 2) | Routes.php calls function to controller,then from controller a function is called to the view. In views folder.  An example of code responsible is shown below.      In routes.php   1. in PostController.php   Contact.blade.php |
| Parsing data to functions | 🡨-------- the code that allows this transition  1)  in routes.php  2)  in PostController.php  As seen variable id is passed through  3)  🡨--- html displayed |
| Parsing multiple variables | The code that allows this to occur      In routes.php 2 is id, 3 is name and 2 is password   1. in PostController.php   In the resources/views directory, post.blade.php |
| Parsing multiple variables, by using the blade templating engine | The code that allows this to occur.    🡨------------ to the left, is the template app.blade.php. @yield includes the division tags and @footer contains the body and html tags.  On post.blade.php ^ above, @section takes the division and @stop ends the division. @section(‘footer’) uses everything underneath  🡨------- and ends everything with body tag and html tag.  QUICKER WAY OF WRITING HTML |
| Reading multiple variables | 1. in routes.php 2. in PostController.php 3. in contact.blade.php. This code allows the names to be displayed on the contact page as shown to the left. |
| Add tables into the backend database | Code required    The .env file needs to be configured    Migration files    Command to make tables appear, as shown to the left |
| Add custom tables to the backend, Phpmyadmin | Code used    The migration file is created    As can be seen the variables properties are set. This code creates the table, the “blueprint”  Then the final command is called to allow for the tables to appear on the left |
| Edit tables in backend    To | Code used      Code is changed from above to down below      Final command, to allow the alterations to the tables, as shown to the left |
| Add column to tables in backend    To | Code used      Code above allows the variable is\_admin to the table    The code above is the final command to allow the table to appear on the left |
|  | Code used, for the table to the left |
| Make tables disappear than reappear in backend    Then | Code used |
| Insert data into tables in the backend    then | Code need for this    Fig 1  This is in routes.php  Make sure database connection is correct. As shown below. .env file    Use this url to allow the tables to appear. Fig 1 is the code for inserting data. SQL commands. |
| Insert data into tables in the backend, alternative method | Code that is used    The code above in routes.php    Url is used to insert data, allows code above to be executed |
| Insert data into tables in the backend, alternative method | Code that is used.    Fig 1  Fig 2  In order for this method to work, the variable, i.e. title and content, that will be inserted to the backend table, needs to be set up, as shown in fig 2.  Afterwards Fig3 is applied, ie URL allows the execution of code, that is Fig 1.  Fig 1 code is located in routes.php  Fig 2 is Post controller.  Fig 3 |
| Read data from backend data and put to front end    Fig 1  From backend table    As seen the title variable is put to the front end as shown on Fig 1 | Code used    Other method used, is shown below    Post::all() used the model Post. Note all models extends the model class. As shown below.    The class Post calls the table Posts, so the plural table is called when the class name is singular, unless use protected, as shown above. |
| Update data in table in backend    To | Code used    In routes.php. Update command is used |
| Update data in table in backend, alternative way    To | Code used    In routes.php    The post controller is called. Method is used from the model class.  Ie Post::find(2);    Url allows the above code to be executed |
| Delete data from table in backend    To | Code used    In routes.php. Delete command is used    Url allows data to be deleted |
| Find certain records in the backend database and put that record, certain values, to the front end | Code used    This code uses the model Post    Variable from title is displayed. The class Post calls the table Posts, so the plural table is called when the class name is singular, unless use protected, as shown above. |
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