

## Assignment Document

### Task 1:

Create New laravel project command:

composer global require laravel/installer

laravel new MigrationAssignment

### Task 2:

Create migration file

php artisan make:migration create\_products\_table

#### Screenshot Products Table Schema:

```
public function up(): void
{
    Schema::create('products', function (Blueprint $table) {
        $table->id();
        $table->string('name');
        $table->decimal('price');
        $table->text('description');
        $table->timestamp('created_at')->useCurrent();
        $table->timestamp('updated_at')->useCurrent()->useCurrentOnUpdate();
    });
}
```

### Task 3:

Run migration file table in the database command

php artisan migrate

#### Screenshot Products Table:

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0001 seconds.)

```
SELECT * FROM `products`
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

id	name	price	description	created_at	updated_at
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Query results operations

Create view

**Task 4:**

Modify Migration file command:

php artisan make:migration add\_column\_to\_products\_table

**Screenshot:**

```
public function up(): void
{
    Schema::table('products', function (Blueprint $table) {
        $table->after('price',function(Blueprint $table){
            $table->integer('quantity')->nullable();
        });
    });
}
```

**Task 5:**

Create new migration file command

php artisan make:migration add\_category\_to\_products\_table -table=products

**Screenshot:**

```
public function up(): void
{
    Schema::table('products', function (Blueprint $table) {
        $table->after('description',function( Blueprint $table){
            $table->string('category',50);
        });
    });
}
```

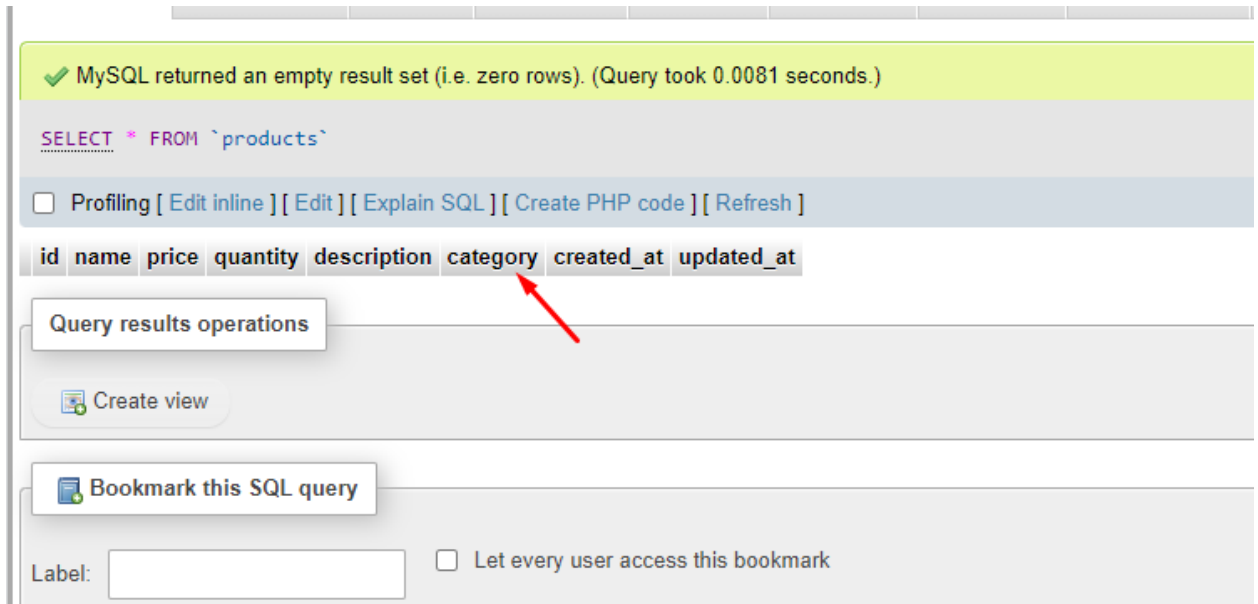
## Assignment Document

### Task 6:

Run migration file command

php artisan migrate

#### Screenshot:

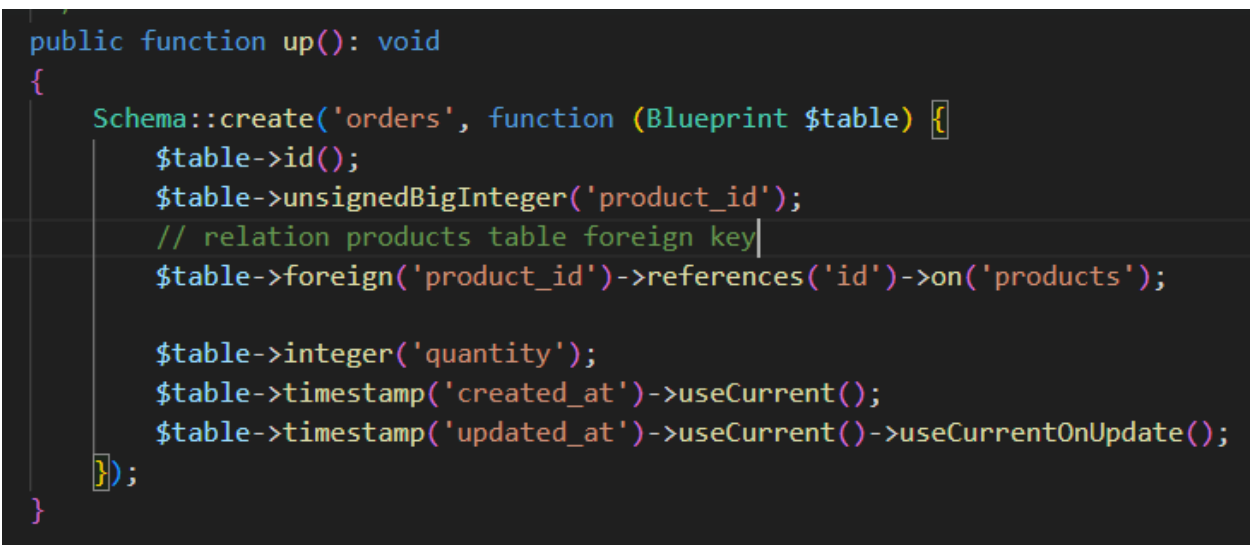


### Task 7:

Create new migration file:

php artisan make:migration create\_orders\_table

#### Screenshort:



## Assignment Document

### Task 8:

Run migration file orders command

php artisan migrate

### Screenshot:

