

Module 16 Assignment (05-06-2023)

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Task 1:

Create laravel project

Composer create-project laravel/laravel MigrationAssignment

Task 2:

php artisan make:migration create_products_table --create=products

```
public function up()
{
    Schema::create('products', function (Blueprint $table) {
        $table->id();
        $table->string('name');
        $table->decimal('price', 8, 2);
        $table->text('description');
        $table->timestamps();
    });
}
```

Task 3:

Then this command : php artisan migrate

Task 4:

```
public function up()
{
    Schema::create('products', function (Blueprint $table) {
        $table->id();
        $table->string('name');
        $table->decimal('price', 8, 2);
        $table->text('description');
        $table->integer('quantity')->nullable();
        $table->timestamps();
    });
}
```

Task 5:

php artisan make:migration add_category_to_products_table --table=products

Then creat this

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

Task 6:

php artisan migrate

Task 7:

php artisan make:migration create_orders_table --create=orders

```
public function up()
{
    Schema::create('orders', function (Blueprint $table) {
        $table->id();
        $table->unsignedBigInteger('product_id');
        $table->integer('quantity');
        $table->decimal('total_amount', 8, 2);
        $table->timestamps();

        $table->foreign('product_id')->references('id')->on('products');
    });
}
```

php artisan migrate

```
public function up()
{
    Schema::create('orders', function (Blueprint $table) {
```

```
$table->id();  
$table->unsignedBigInteger('product_id');  
$table->integer('quantity');  
$table->timestamps();  
  
$table->foreign('product_id')->references('id')->on('products');  
});  
}
```

Task 8:
php artisan migrate

Okay Bye...