

Namespace:

Virtual directory for different php files. If 2 files have same class names, in order to distinguish them.

```
car.php  index.php  bike.php
C: > xampp > htdocs > my_laravel_journey > 00 Namespace > code
1  <?php
2
3  namespace App\Car;
4
5  class Color{
6      public function __construct()
7      {
8          echo "car.color <br />";
9      }
10 }
11 ?>
```

```
car.php  index.php  bike.php
C: > xampp > htdocs > my_laravel_journey > 00 Namespace > code
1  <?php
2
3  namespace App\Bike;
4
5  class Color{
6      public function __construct()
7      {
8          echo "bike.color <br />";
9      }
10 }
11
12 ?>
```

car.php and bike.php have same class name. In index.php, both files are included. But still there is a problem. Which class is used to create object.

To solve this, use NAMESPACE

```
car.php  index.php  bike.php
C: > xampp > htdocs > my_laravel_journey > 00 Namespace > code
1  <?php
2
3  require "bike.php";
4  require "car.php";
5
6  new App\Car\Color();
7
8
9
10 new App\Bike\Color();
11 ?>
```