🏗️ Creating Tables

```php
Schema::create('table_name', function (Blueprint $table) {
    // define columns here
});
```

🧱 Column Types

Function	Description
`$table->bigIncrements('id')`	Auto-incrementing UNSIGNED BIGINT (primary key)
`$table->increments('id')`	Auto-incrementing UNSIGNED INT (primary key)
`$table->uuid('id')`	UUID column
`$table->string('name', 255)`	VARCHAR column (default 255)
`$table->text('description')`	TEXT
`$table->mediumText('content')`	MEDIUMTEXT
`$table->longText('notes')`	LONGTEXT
`$table->integer('votes')`	INT
`$table->bigInteger('views')`	BIGINT
`$table->unsignedInteger('age')`	UNSIGNED INT
`$table->float('amount', 8, 2)`	FLOAT (with precision)
`$table->decimal('price', 8, 2)`	DECIMAL (fixed-point)
`$table->boolean('is_active')`	BOOLEAN
`$table->date('published_at')`	DATE
`$table->time('start_time')`	TIME
`$table->dateTime('event_time')`	DATETIME
`$table->timestamp('created_at')`	TIMESTAMP
`$table->year('birth_year')`	YEAR
`$table->enum('gender', ['male', 'female'])`	ENUM

Function	Description
`$table->json('meta')`	JSON
`$table->binary('data')`	BINARY

🔄 Special Columns

Function	Description
`$table->id()`	Shortcut for auto-incrementing primary key (bigIncrements)
`$table->timestamps()`	Adds `created_at` and `updated_at` columns
`$table->softDeletes()`	Adds `deleted_at` column for soft deletes
`$table->rememberToken()`	Adds `remember_token` (used for auth)
`$table->foreignId('user_id')->constrained()`	Foreign key to users table (`user_id`)
`$table->foreign('user_id')->references('id')->on('users')`	Manual foreign key
`$table->nullableTimestamps()`	Like `timestamps()` but nullable

✏️ Column Modifiers

You can chain modifiers to column definitions:

Modifier	Usage Example
`->nullable()`	`$table->string('bio')->nullable();`
`->default('value')`	`$table->boolean('is_active')->default(true);`
`->unique()`	`$table->string('email')->unique();`
`->index()`	`$table->integer('votes')->index();`
`->unsigned()`	`$table->integer('age')->unsigned();`
`->comment('Some note')`	`$table->string('title')->comment('Post title');`

Modifier	Usage Example
`->after('column')`	For adding column after another one
`->first()`	Place column at beginning of table

🔧 Updating / Dropping Tables

Function	Description
`Schema::table('table_name', function (Blueprint $table) {...})`	Modify existing table
`$table->dropColumn('age')`	Drop column
`$table->dropIfExists('table_name')`	Drop table if exists
`$table->renameColumn('old', 'new')`	Rename a column
`Schema::rename('old_table', 'new_table')`	Rename a table
`$table->dropTimestamps()`	Drop created_at and updated_at
`$table->dropSoftDeletes()`	Drop deleted_at

🔐 Foreign Keys

Function	Description
`$table->foreignId('user_id')->constrained()`	Auto references `users(id)`
`$table->foreignId('user_id')->constrained('accounts')`	References `accounts(id)`
`$table->foreign('user_id')->references('id')->on('users')`	Manual foreign key
`$table->dropForeign(['user_id'])`	Drop foreign key constraint
`$table->dropForeign('posts_user_id_foreign')`	Drop by constraint name