There are some basics of custom wordpress theme and there are some steps for wordpress.

Firstly, we need of download wordpress and Copy the installation file onto the virtual server.

Move or copy the file downloaded to the proper folder of the virtual server.

Create a database and install wordpress are very important steps for the wordpress.

• Database's name
• MySQL user name and password
• Database's address (localhost on MAMP)
• Table prefix to be used

Creation of the admin account :

• Web site's title
• User name and password
• Admin's email address

These are played an important role in the wordpress.

WordPress tables

• WordPress's database only contains twelve tables by default
• These are enough to run the application,
BUT extra plugins can add their own tables (e.g. : WooCommerce or Gravity Form).

wp_users
Stores users (user name, encrypted password, email, etc.)

wp_usermetas
Contains additional users information
(mainly those that can be customize from the dashboard's USERS/YOUR PROFILE)

wp_options
Contains all the options including admin preferences
(e.g. : web site's title and description, number of posts to show per page, etc.)

wp_posts
Stores all publications (articles, pages, etc.).

wp_postmeta Stores all additional data from custom fields.

wp_comments et wp_commentmeta
Stores comments and comments metadata.

wp_terms, wp_termmeta, wp_term_taxonomy and wp_term_relationship
Concern WordPress's filing methods named taxonomies
(groups   of   articles based on   certain relationships) : categories and labels.
Any extra taxonomy is referred to as a term which is part of the two taxonomies.

Creating the theme's folder

• In Wp-Content/Themes = create a folder for the new theme + name it
• Place in the folder the following files you will need to create :

- index.php

Root of the site

- style.css

Style page + declare the theme to WordPress

Creating categories
- From the dashboard Posts > Categories = create a few of them

Creating pages
- From the dashboard Pages > Add new = Create a few pages

Managing pages
- From the dashboard Pages > All pages
- Delete the sample   page (select Trash from the hover menu)
- Notice a page named Privacy Policy (mandatory page in Europe)

Setting the home page
- By default = Blog is the home page (Initially a blog application)
- For web site = must change the home page

From the dashboard, select Settings > Reading

= section Your home page display

Option A static page + select page from the drop-down menu

- Press the button Save changes before leaving the page

Creating a new post
- From the dashboaord Post > Add new
- Blank page
- Creating new paragraphs

Styling posts contents
- Paragraph styling options (heading, insert and image or an image gallery)
- Clicking in an existing paragraph = shows different styling an editing options

Block of image settings and styling options

Just like for paragraphs = settings and styling options.

Web sites type of pages

Home page
- The home page = managed in a special way using the template front-page.php
- If the template isn't there = WP check swhat page has been set as home page :

If home page is a page : WordPress uses page.php.

If home page is a blog : WordPress uses home.php.

- This can be changed in Settings > Reading.

Archive
- 99% of time, archive.php will be used
- A category, a label or a specific author can be targeted using the slug or the ID

Single
- WP uses single.php

• Also possible to use single-post.php
(no points unless, maybe, if custom post types are used)