

MODULO 1

PANORAMICA SU WORDPRESS



PERCHÈ CREARE UN TEMA WORDPRESS?

E perché usare proprio WordPress?

- WordPress è una piattaforma software per la gestione dei contenuti online installata su un web server.
- Essendo molto veloce ed intuitivo, WordPress è il CMS più utilizzato per la creazione di siti vetrina, blog ed e-commerce.
- Un CMS (Content Management System) non è altro che un software lato server che, tramite un database, permette l'archiviazione di contenuti.



PERCHÈ CREARE UN TEMA WORDPRESS?

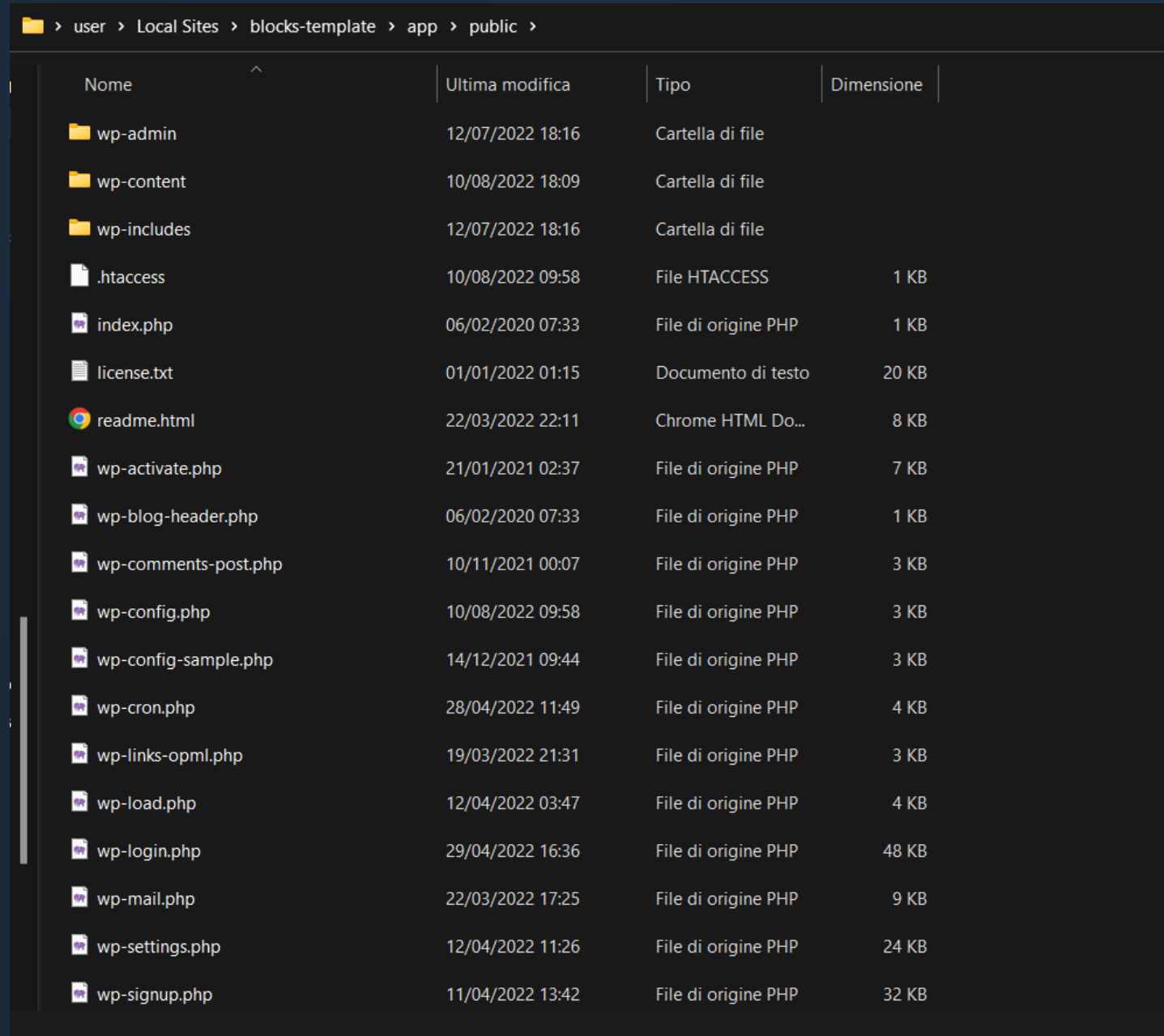
E perché usare proprio WordPress?

- Usa PHP ben strutturato, privo di errori e HTML valido.
- Usa CSS pulito e valido.
- È divertente.



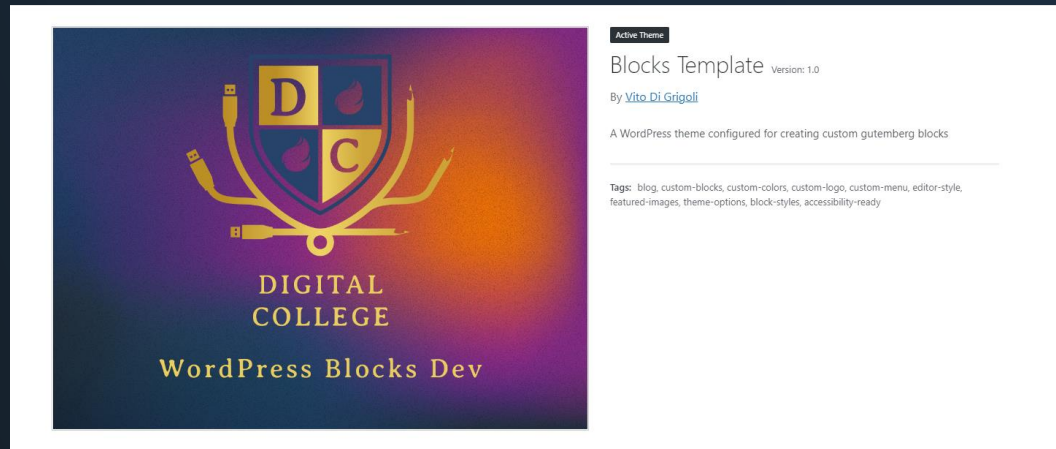
ANATOMIA DI WORDPRESS

- **WP-ADMIN:** strumenti di amministrazione di WordPress.
- **WP-CONTENT:** temi, plugin etc.
- **WP-INCLUDE:** file base di WordPress

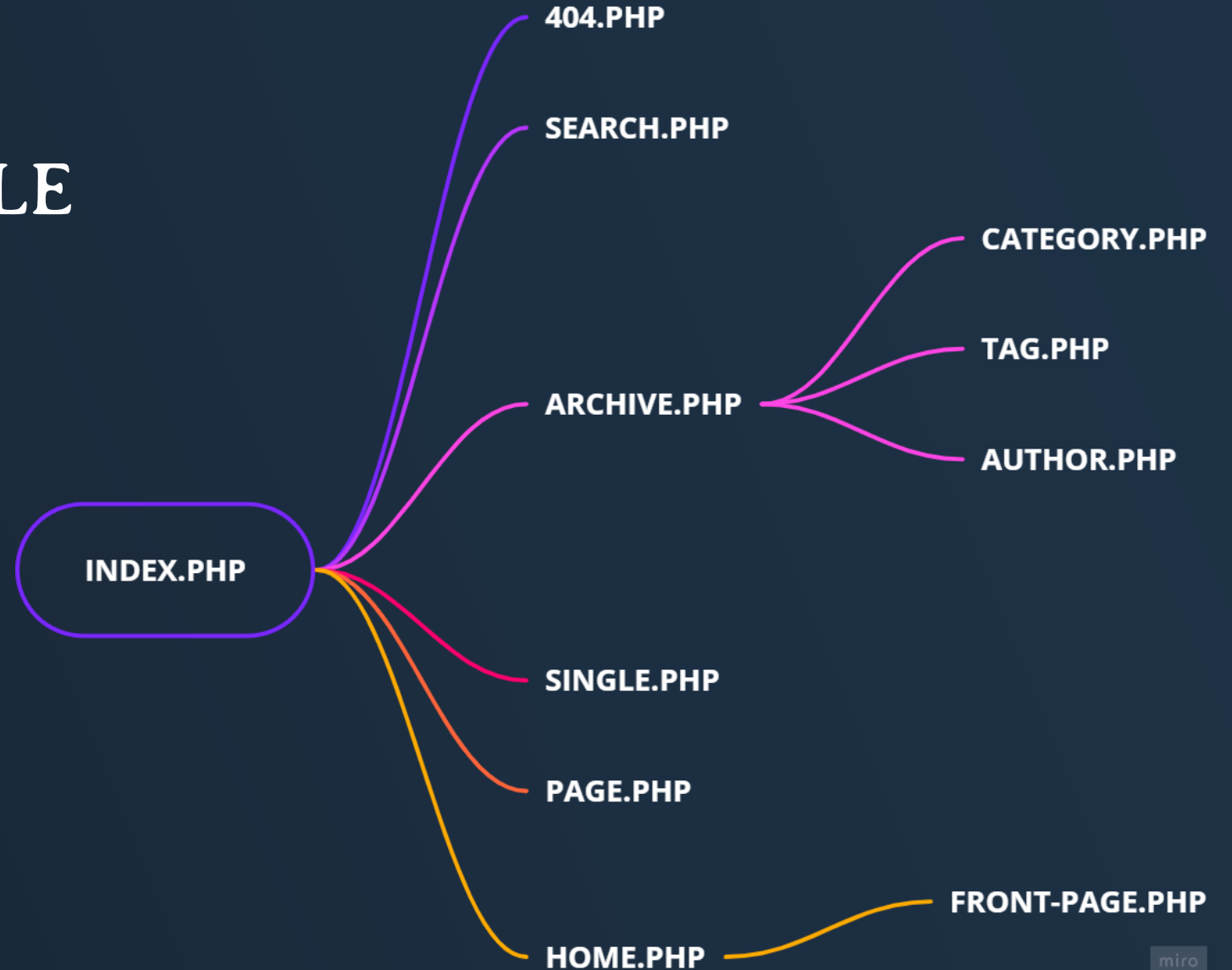
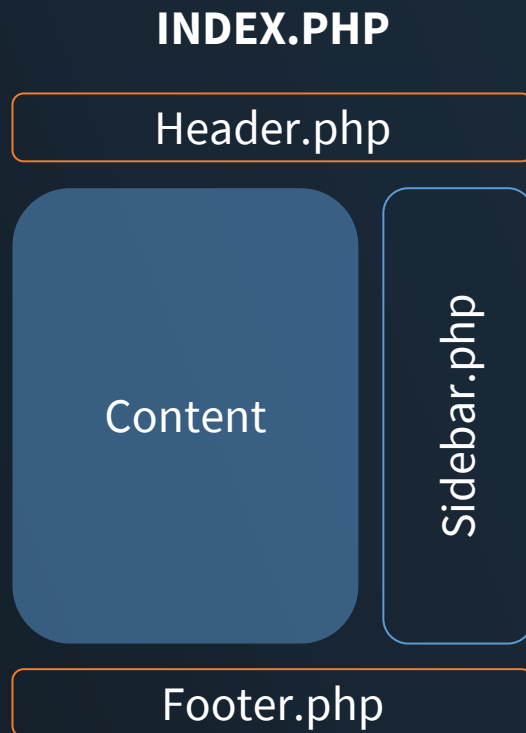


Nome	Ultima modifica	Tipo	Dimensione
wp-admin	12/07/2022 18:16	Cartella di file	
wp-content	10/08/2022 18:09	Cartella di file	
wp-includes	12/07/2022 18:16	Cartella di file	
.htaccess	10/08/2022 09:58	File HTACCESS	1 KB
index.php	06/02/2020 07:33	File di origine PHP	1 KB
license.txt	01/01/2022 01:15	Documento di testo	20 KB
readme.html	22/03/2022 22:11	Chrome HTML Do...	8 KB
wp-activate.php	21/01/2021 02:37	File di origine PHP	7 KB
wp-blog-header.php	06/02/2020 07:33	File di origine PHP	1 KB
wp-comments-post.php	10/11/2021 00:07	File di origine PHP	3 KB
wp-config.php	10/08/2022 09:58	File di origine PHP	3 KB
wp-config-sample.php	14/12/2021 09:44	File di origine PHP	3 KB
wp-cron.php	28/04/2022 11:49	File di origine PHP	4 KB
wp-links-opml.php	19/03/2022 21:31	File di origine PHP	3 KB
wp-load.php	12/04/2022 03:47	File di origine PHP	4 KB
wp-login.php	29/04/2022 16:36	File di origine PHP	48 KB
wp-mail.php	22/03/2022 17:25	File di origine PHP	9 KB
wp-settings.php	12/04/2022 11:26	File di origine PHP	24 KB
wp-signup.php	11/04/2022 13:42	File di origine PHP	32 KB

ORGANIZZAZIONE FILE DEL TEMA



GERARCHIA DEI FILE TEMPLATE



INDEX.PHP

- Il Loop è un meccanismo di WordPress per l'output dei post.
- Estrae i dati per ogni post dal database di WordPress e inserisce le appropriate informazioni al post di ogni template tags.
- `have_post()` controlla se ci sono post.
- Se sono presenti post, un ciclo while continua a essere eseguito fintanto che la condizione tra parentesi è logicamente vera. Finché `have_posts()` continua a essere true, il ciclo continuerà.

```
<?php
```

```
get_header()
```

```
if ( have_posts() ) :  
    while ( have_posts() ) : the_post();
```

```
        the_title( '<h2>', '</h2>' );  
        the_post_thumbnail();  
        the_excerpt();
```

```
    endwhile;
```

```
else:
```

```
    _e( 'Sorry, no posts matched your  
criteria', 'textdomain' );
```

```
endif;
```

```
get_footer()
```

```
?>
```

TEMPLATE & CONDITIONAL TAGS

Template tags:

- `the_author()`
- `the_title()`
- `the_time()`
- `the_content()`
- `the_excerpt()`
- `the_category()`
- `get_header()`
- `get_footer()`

Conditional tags:

- `is_home()`
- `is_single()`
- `is_page()`
- `is_page_template()`
- `is_category()`
- `has_excerpt()`

TEMPLATE & CONDITIONAL TAGS

<?php

```
if ( is_home() ) :  
    get_header( 'home' );  
  
elseif ( is_404() ) :  
    get_header( '404' );  
  
else :  
    get_header();  
endif;
```

?>

Conditional tags:

- is_home()
- is_single()
- is_page()
- is_page_template()
- is_category()
- has_excerpt()

HEADER.PHP

- `bloginfo()`: stampa alcune informazioni sul sito.
 - 'name' – Site title (set in Settings > General)
 - 'description' – Site tagline (set in Settings > General)
 - 'admin_email' – Admin email (set in Settings > General)
 - 'charset' – The "Encoding for pages and feeds" (set in Settings > Reading)
 - 'version' – The current WordPress version
- `wp_title()`: stampa il nome della pagina.
- `wp_head()`: carica gli script/stili.
- `body_class()`: inserire le classi di WordPress nel body.

```
header.php X
C: > Users > user > Desktop > header.php
1  <!DOCTYPE html>
2  <html <?php language_attributes(); ?>>
3
4      <head>
5          <meta charset="<?php bloginfo( 'charset' ); ?>" />
6          <meta name="viewport" content="width=device-width, initial-scale=1.0">
7          <title><?php wp_title(); ?></title>
8          <?php wp_head(); ?>
9      </head>
10
11      <body <?php body_class(); ?> >
12
13          <nav class="navbar">
14              <?php
15                  wp_nav_menu( array(
16                      'theme_location' => 'header',
17                      'container' => false,
18                      'items_wrap' => '<ul>%3$s</ul>'
19                  ) );
20              ?>
21          </nav>
```

STRUTTURA TIPICA DI UNA PAGINA

- Header.php
- Loop di WordPress
- Footer.php

```
<html>
  <head>
    <?php wp_head(); ?>
  </head>

  <body <?php body_class(); ?> >

    <?php wp_body_open(); ?>

    <?php get_header(); ?>

    <!-- BODY CONTENT HERE -->
    <?php the_content(); ?>

    <?php get_footer(); ?>

    <?php wp_footer(); ?>

  </body>
</html>
```

FUNCTIONS.PHP

Permettere di estendere le funzionalità di WordPress senza intaccare il CORE.

Il miglior modo per inserire i file CSS e JS:

- wp_enqueue_style()
- wp_enqueue_script()

<https://developer.wordpress.org/themes/basics/theme-functions/>

```
functions.php X
C: > Users > user > Local Sites > amia > app > public > wp-content > themes > blocks template > functions.php
1  <?php
2
3  /* Dependencies
4  ----- */
5  require_once('blocks/actions-create-blocks.php');
6
7
8  /* Setup theme
9  ----- */
10 function ge_setup(){
11
12     // Enable featured image
13     add_theme_support( 'post-thumbnails' );
14
15     // Enable custom logo
16     add_theme_support( 'custom-logo' );
17
18     // Enable excerpt page
19     add_post_type_support( 'page', 'excerpt' );
20
21     // Custom menu areas
22     register_nav_menus( array(
23         'header' => esc_html__( 'Header', 'ge' )
24     ));
25 }
26
27 add_action( 'after_setup_theme', 'ge_setup' );
28
29
30 /* Enqueue css
31 ----- */
32 function ge_styles(){
33     wp_enqueue_style( 'ge-style', get_stylesheet_uri() );
34     wp_enqueue_style( 'nakedpress-google-font', 'https://fonts.googleapis.com/css?family=Lato:300,400,700' );
35 }
36
37 add_action( 'wp_enqueue_scripts', 'ge_styles' );
38
39
40 /* Enqueue js
41 ----- */
42 function ge_scripts(){
43     wp_enqueue_script( 'ge-scripts-js', get_template_directory_uri() . '/assets/js/scripts.js', null, null, true );
44 }
45
46 add_action( 'wp_enqueue_scripts', 'ge_scripts' );
47
48
49 /* Enable Custom Blocks preview on Gutenberg
50 ----- */
51 function ge_gutenberg_preview() {
52     wp_enqueue_style( 'ge-gutenberg-preview', get_theme_file_uri( '/blocks/preview.css' ), false );
53 }
54
55 add_action( 'enqueue_block_editor_assets', 'ge_gutenberg_preview' );
56
57
58 /* Add Font Awesome
59 ----- */
60 function ge_fontawesome_kit() {
61
62     wp_enqueue_script( 'fa-kit', 'https://kit.fontawesome.com/3352ada0d1.js', array( 'jquery' ), '5.9.0', true );
63 }
64
65 add_action( 'wp_enqueue_scripts', 'ge_fontawesome_kit' );
66
67 ?>
68
```



FUNCTIONS.PHP

`wp_enqueue_style($handle, $src, $deps, $ver, $media);`

- **\$handle:** nome dello stile.
- **\$src:** percorso del file.
- **\$deps:** indipendenza da altri file.
- **\$ver:** setta il numero della versione.
- **\$media:** indica il supporto per il quale è definito lo stile (stampa, schermo, all)

TIPS:

- `get_template_directory_uri()`
- `get_stylesheet_uri()`

```
functions.php X
C: > Users > user > Local Sites > amia > app > public > wp-content > themes > blocks template > functions.php
1 <?php
2
3 /* Dependencies
4 ----- */
5 require_once('blocks/actions-create-blocks.php');
6
7
8 /* Setup theme
9 ----- */
10 function ge_setup(){
11
12     // Enable featured image
13     add_theme_support( 'post-thumbnails' );
14
15     // Enable custom logo
16     add_theme_support( 'custom-logo' );
17
18     // Enable excerpt page
19     add_post_type_support( 'page', 'excerpt' );
20
21     // Custom menu areas
22     register_nav_menus( array(
23         'header' => esc_html__( 'Header', 'ge' )
24     ));
25 }
26
27 add_action( 'after_setup_theme', 'ge_setup' );
28
29
30 /* Enqueue css
31 ----- */
32 function ge_styles(){
33     wp_enqueue_style( 'ge-style', get_stylesheet_uri() );
34     wp_enqueue_style( 'nakedpress-google-font', '//fonts.googleapis.com/css?family=Lato:300,400,700' );
35 }
36
37 add_action( 'wp_enqueue_scripts', 'ge_styles' );
38
39
40 /* Enqueue js
41 ----- */
42 function ge_scripts(){
43     wp_enqueue_script( 'ge-scripts-js', get_template_directory_uri() . '/assets/js/scripts.js', null, null, true );
44 }
45
46 add_action( 'wp_enqueue_scripts', 'ge_scripts' );
47
48
49 /* Enable Custom Blocks preview on Gutenberg
50 ----- */
51 function ge_gutenberg_preview() {
52     wp_enqueue_style( 'ge-gutenberg-preview', get_theme_file_uri( '/blocks/preview.css' ), false );
53 }
54
55 add_action( 'enqueue_block_editor_assets', 'ge_gutenberg_preview' );
56
57
58 /* Add Font Awesome
59 ----- */
60 function ge_fontawesome_kit() {
61
62     wp_enqueue_script( 'fa-kit', '//kit.fontawesome.com/3352ada0d1.js', array( 'jquery' ), '5.9.0', true );
63 }
64
65 add_action( 'wp_enqueue_scripts', 'ge_fontawesome_kit' );
66
67 ?>
68
```

FUNCTIONS.PHP

`wp_enqueue_script($handle, $src, $deps, $ver, $in_footer);`

- **\$handle**: nome dello stile.
- **\$src**: percorso del file.
- **\$deps**: indipendenza da altri file.
- **\$ver**: setta il numero della versione.
- **\$in_footer**: permette di inserire lo script nel footer.

BEST PRATICS:

- Usare un prefisso per le funzioni.
- Usare un IF per controllare se la funzione esiste già.

```
if ( ! function_exists ( 'prefix_fun' ) ) :  
    function prefix_fun() { ... } endif;
```

```
functions.php X  
C:\Users\user\Local Sites\amia\app\public\wp-content\themes\blocks template\functions.php  
1 <?php  
2  
3 /* Dependencies  
4 ----- */  
5 require_once('blocks/actions-create-blocks.php');  
6  
7  
8 /* Setup theme  
9 ----- */  
10 function ge_setup(){  
11  
12     // Enable featured image  
13     add_theme_support( 'post-thumbnails' );  
14  
15     // Enable custom logo  
16     add_theme_support( 'custom-logo' );  
17  
18     // Enable excerpt page  
19     add_post_type_support( 'page', 'excerpt' );  
20  
21     // Custom menu areas  
22     register_nav_menus( array(  
23         'header' => esc_html__( 'Header', 'ge' )  
24     ));  
25 }  
26  
27 add_action( 'after_setup_theme', 'ge_setup' );  
28  
29  
30 /* Enqueue css  
31 ----- */  
32 function ge_styles(){  
33     wp_enqueue_style( 'ge-style', get_stylesheet_uri() );  
34     wp_enqueue_style( 'nakedpress-google-font', '//fonts.googleapis.com/css?family=Lato:300,400,700' );  
35 }  
36  
37 add_action( 'wp_enqueue_scripts', 'ge_styles' );  
38  
39  
40 /* Enqueue js  
41 ----- */  
42 function ge_scripts(){  
43     wp_enqueue_script( 'ge-scripts-js', get_template_directory_uri() . '/assets/js/scripts.js', null, null, true );  
44 }  
45  
46 add_action( 'wp_enqueue_scripts', 'ge_scripts' );  
47  
48  
49 /* Enable Custom Blocks preview on Gutenberg  
50 ----- */  
51 function ge_gutenberg_preview() {  
52     wp_enqueue_style( 'ge-gutenberg-preview', get_theme_file_uri( '/blocks/preview.css' ), false );  
53 }  
54  
55 add_action( 'enqueue_block_editor_assets', 'ge_gutenberg_preview' );  
56  
57  
58 /* Add Font Awesome  
59 ----- */  
60 function ge_fontawesome_kit() {  
61  
62     wp_enqueue_script( 'fa-kit', '//kit.fontawesome.com/3352ada0d1.js', array( 'jquery' ), '5.9.0', true );  
63 }  
64  
65 add_action( 'wp_enqueue_scripts', 'ge_fontawesome_kit' );  
66  
67 ?>  
68
```

STYLE.CSS

- Si deve trovare nella **root** del tema.
- WordPress usa i commenti nell'intestazione per visualizzare le informazioni sul tema.

<https://developer.wordpress.org/themes/basics/main-stylesheet-style-css/>

```
# style.css x
C: > Users > user > Local Sites > amia > app > public > wp-content > themes > blocks template > # style.css > ...

1  /*
2   Theme Name: GeForGe
3   Theme URI: https://github.com/vitodigrigoli/WordPress-Blocks-Template
4   Author: Vito Di Grigoli
5   Author URI: https://vitodigrigoli.dev/
6   Description: A WordPress theme configured for creating custom gutemberg blocks
7   Tags: blog, custom-blocks, custom-colors, custom-logo, custom-menu, editor-style, featured-images, theme-options
8   Version: 1.0
9   Requires at least: 5.0
10  Tested up to: 6.0
11  Requires PHP: 7.0
12  License: GNU General Public License v2 or later
13  License URI: https://www.gnu.org/licenses/gpl-3.0.en.html
14  Text Domain: prefix
15  This theme, like WordPress, is licensed under the GPL.
16  Use it to make something cool, have fun, and share what you've learned with others.
17  */
18
19  /* General
20  ----- */
21
22  :root{
23    --color-1: #F7F7FF;
24    --color-2: #F64E4D;
25    --color-3: #FAA916;
26    --color-4: #8CEDC6;
27    --color-5: #00CFCL;
28    --color-6: #33658A;
29    --color-7: #3F3A3D;
30  }
31
32  @font-face {
33    font-family: liberation;
34    src: url('../assets/font/LiberationSerif-Bold.ttf');
35    font-weight: bold;
36  }
37
38  @font-face {
39    font-family: liberation;
40    src: url('../assets/font/LiberationSerif-Regular.ttf');
41    font-weight: 400;
42  }
43
44  *,
45  *::before,
46  *::after{ margin: 0; padding: 0; box-sizing: border-box;}
47
48  html{scroll-behavior: smooth; overflow-x: hidden; width: 100vw; }
49  body{font-family: 'Montserrat', sans-serif; color: var(--color-7); overflow-x: hidden; font-weight: 400; }
50  h1, h2, h3, h4{font-family: 'Liberation', serif; text-transform: uppercase; font-weight: 400; letter-spacing: 1px;}
51  p{margin-block-end: 1em; line-height: 30px;}
52  a{text-decoration: none; cursor: pointer; font-weight: 600; color: var(--color-6); transition: 0.4s;}
53  img{width: 100%; height: auto;}
54  section{padding: 8rem 0;}
55  button{max-width: fit-content;}
```

MANO AL CODICE

Creare i seguenti file:

- header.php
- footer.php
- index.php
- style.css
- function.php

