**Step 1:** create style.css and index.php in the wp-content/themes/”your directory name for the theme”

e.g., wp-content/themes/xivig where xivig is the folder or directory name

**Step 2:** place a file named screenshot.png of size 1200x900px in your project folder named wp-content/themes/xivig to preview the theme.

Step 3: write the following code to the style.css file

/\*

Theme Name: News Portal

Author: Cyberabc

Author URI: https://www.xivig.com/

Description: Cool News Portal theme.

Version: 1.0

License: GNU General Public License v2 or later

Text Domain: xivig

\*/

body {

background: #f00000;/\* checking the theme css \*/

}

**Step 4:** add a html template in the index.php file like

<!DOCTYPE html>

<!-- step 1: for english language -->

<html <?php language\_attributes(); ?>>

<head>

<!-- step 2: for charset:UFT-8-->

<meta <?php bloginfo("charset"); ?>>

<!-- step 3: for site name -->

<title><?php bloginfo("name"); ?></title>

<!-- step 4: for including stylesheet dynamically-->

<link rel="stylesheet" type="text/css" href="<?php bloginfo("stylesheet\_url"); ?>">

<!-- step 5: for rest of the scripts and stylesheets -->

<?php wp\_head(); ?>

</head>

<body>

</html>

**Step 5:**

<header id="header" >

<h2><?php bloginfo("name"); ?></h2>

<h4><?php bloginfo('description'); ?></h4>

</header><!-- /header -->

<div class="main">

<?php if(have\_posts()) : ?>

<?php while(have\_posts()) : the\_post(); ?>

<h3><?php the\_title(); ?></h3>

<p>created by <?php the\_author(); ?> on <?php the\_date(); ?></p>

<h4><?php the\_content(); ?></h4>

<?php endwhile; ?>

<?php else : ?>

<?php echo wpautop("No posts were found"); ?>

<?php endif; ?>

</div>

**Step 6:**

<footer>

<div class="container">

<p>&copy; <?php echo date('Y'); ?> - <?php bloginfo('name'); ?> </p>

</div>

</footer>

<!-- to see the wp top panel -->

<?php wp\_footer(); ?>

</body>

</html>

**Step 7:**

Create two files for header and footer respectively

header.php and footer.php

1. In header.php

<!DOCTYPE html>

<!-- step 1: for english language -->

<html <?php language\_attributes(); ?>>

<head>

<!-- step 2: for charset:UFT-8-->

<meta <?php bloginfo("charset"); ?>>

<!-- step 3: for site name -->

<title><?php bloginfo("name"); ?></title>

<!-- step 4: for including stylesheet dynamically-->

<link rel="stylesheet" type="text/css" href="<?php bloginfo("stylesheet\_url"); ?>">

<!-- step 5: for rest of the scripts and stylesheets -->

<?php wp\_head(); ?>

</head>

<body>

<header id="header" >

<div class="container">

<h2><?php bloginfo("name"); ?></h2>

<h4><?php bloginfo('description'); ?></h4>

</div>

</header><!-- /header -->

1. In footer.php

<footer>

<div class="container">

<p>&copy; <?php echo date('Y'); ?> - <?php bloginfo('name'); ?> </p>

</div>

</footer>

<!-- to see the wp top panel -->

<?php wp\_footer(); ?>

</body>

</html>

1. In index.php

<!-- for getting the header.php link to the index.php -->

<?php get\_header(); ?>

<div class="main">

<div class="container">

<?php if(have\_posts()) : ?>

<?php while(have\_posts()) : the\_post(); ?>

<!-- clickable individual link by a tag-->

<h3><a href="<?php the\_permalink(); ?>"><?php the\_title(); ?></a></h3>

<p>created by <?php the\_author(); ?> on <?php the\_date(); ?></p>

<p><?php the\_content(); ?></p>

<?php endwhile; ?>

<?php else : ?>

<?php echo wpautop("No posts were found"); ?>

<?php endif; ?>

</div>

</div>

</div>

<!-- for getting the footer.php link to the index.php-->

<?php get\_footer(); ?>

**Step 8:**

<article class="posts">

<!-- clickable individual link by a tag-->

<h3><a href="<?php the\_permalink(); ?>"><?php the\_title(); ?></a></h3>

<p>created by <?php the\_author(); ?> on <?php the\_date(); ?></p>

<p><?php the\_content(); ?></p>

<br>

<!-- read more button -->

<a class="button" href="<?php the\_permalink(); ?>">Read More</a>

<br>

</article>

**Step 9:** For individual post create a file named single.php for the purpose of

a) removing link

b) removing read more link

write the following:

<!-- for getting the header.php link to the index.php -->

<?php get\_header(); ?>

<div class="main">

<div class="container">

<?php if(have\_posts()) : ?>

<?php while(have\_posts()) : the\_post(); ?>

<article class="posts">

<h3><?php the\_title(); ?></a></h3>

<p>created by <?php the\_author(); ?> on <?php the\_date(); ?></p>

<p><?php the\_content(); ?></p>

</article>

<?php endwhile; ?>

<?php else : ?>

<?php echo wpautop("No posts were found"); ?>

<?php endif; ?>

</div>

</div>

</div>

<!-- for getting the footer.php link to the index.php-->

<?php get\_footer(); ?>

**Step 10: adding functions.php for feature image support in the post:**

**A.**

<?php

// feature image support

function xivig\_theme\_support(){

add\_theme\_support('post-thumbnails');

}

add\_action('after\_setup\_theme', 'xivig\_theme\_support');

B.in the index.php

<article class="posts">

<!-- clickable individual link by a tag-->

<h3><a href="<?php the\_permalink(); ?>"><?php the\_title(); ?></a></h3>

<p>created by <?php the\_author(); ?> on <?php the\_date(); ?></p>

<!-- post thumbnail image -->

<?php if(has\_post\_thumbnail()) : ?>

<div class="post-thumbnail">

<?php the\_post\_thumbnail(); ?>

</div>

<?php endif; ?>

<p><?php the\_content(); ?></p>

<br>

<!-- read more button -->

<a class="button" href="<?php the\_permalink(); ?>">Read More</a>

</article>

<br>

C. in the style.css

.post-thumbnail img {

width: 50%;

height: auto;

}

**Step 11: adding functionality to functions.php for feature image support in the single.php page:**

<!-- post thumbnail image full-width -->

<?php if(has\_post\_thumbnail()) : ?>

<div class="post-thumbnail\_\_single">

<?php the\_post\_thumbnail(); ?>

</div>

<?php endif; ?>

.post-thumbnail\_\_single img {

width: 100%;

height: auto;

}

**Modified file to excerpt in the content**

<!-- post thumbnail image -->

<?php if(has\_post\_thumbnail()) : ?>

<div class="post-thumbnail">

<?php the\_post\_thumbnail(); ?>

</div>

<?php endif; ?>

<p><?php the\_excerpt(); ?></p>

// Excerpt length

function set\_excerpt\_length(){

return 25;

}

add\_filter('excerpt\_length', 'set\_excerpt\_length');