WHAT IS A WIDGET?
WEB WIDGET:

A SMALL APPLICATION WITH LIMITED FUNCTIONALITY THAT CAN BE INSTALLED AND EXECUTED WITHIN A WEB PAGE BY AN END USER.
so

WHAT DOES THIS

look LIKE

in WORDPRESS?
Widgets in your backend
widgets on your frontend
Let's look at an example...

A SOCIAL BUTTONS WIDGET
WIDGET AS A PLUGIN

1. CREATE A FOLDER
2. COPY IT TO THE PLUGINS DIRECTORY
3. CREATE A PHP FILE WITH THE SAME NAME
WIDGET FILES

wp-content/plugins/social-buttons-widget
social-buttons-widget.php
class My_Widget extends WP_Widget {

    public function __construct() {
        // widget actual processes
    }

    public function widget( $args, $instance ) {
        // outputs the content of the widget
    }

    public function form( $instance ) {
        // outputs the options form on admin
    }

    public function update( $new_instance, $old_instance ) {
        // processes widget options to be saved
    }
}

HTTP://CODEX.WORDPRESS.ORG/WIDGETS_API
LET'S GET STARTED!
CODE FILES

HTTP://KARLIKDESIGN.COM/WORDCAMP2014
STEP 01:

Let’s start with some basic code
STEP 02: Let’s use the Genericons font
http://genericons.com/
STEP 03:

LET’S SEPARATE OUR HTML & CSS
STEP 05:

LET’S ADD SOME COLOUR!
FINALLY, STEP 06:
Let’s ADD MORE STYLES and ICONS
SO

HOW CAN YOU
include widgets in a
THEME?
WIDGET IN A THEME

1. COPY WIDGET FOLDER TO YOUR THEME DIRECTORY
2. COPY WIDGET MAIN CODE TO FUNCTIONS.PHP
3. USE get_template_directory_uri()
how can you call a widget in your theme?
DISPLAY A WIDGET

<?php the_widget( $widget, $instance, $args ); ?>
ex:
<?php the_widget( 'WP_Widget_Categories','dropdown=1&count=1' ); ?>
THANKS!