

## **BASIC OF WORDPRESS**

### **What is wordpress?**

Ans: WordPress is a popular and widely used open-source content management system (CMS) that allows users to create and manage websites and blogs. It was first released in 2003 and has since grown into one of the most popular CMS platforms on the internet. WordPress is known for its user-friendly interface, flexibility, and a large community of developers and users.

### **What is wordpress gutenber?**

Ans: Gutenberg is a block-based content editor for WordPress, introduced in WordPress version 5.0. It is a significant overhaul of the classic WordPress editor, providing a more intuitive and visually-driven approach to content creation. The name "Gutenberg" pays homage to Johannes Gutenberg, the inventor of the printing press.

### **What is Wordpress Plugin?**

Ans: A WordPress plugin is a piece of software that adds specific features or functionality to a WordPress website. Plugins are designed to extend the core capabilities of WordPress, allowing users to customise and enhance their websites without having to modify the core code. They are like modular components that can be easily installed, activated, and deactivated as needed.

## **ABLOCKS**

Ablocks is a page builder plugin for WordPress. As like elementor, It allows users to create and design custom websites without the need for coding skills. With Ablocks, you can visually design your website elements onto the page, such as text, images, buttons, and other widgets. Invented by Tushar imran(kodezen CEO) about 10 months ago. Now it's in the development mode but already submitted in the wordpress ORG, hopefully within next 1 month it will be available in the wordpress ORG plugin platform.

How to run ablocks project in vs code tutorial:-  How to run ablocks.mkv

## **What is block in the wordpress plugin?**

In the context of WordPress page builder plugins, "blocks" typically refer to individual components or elements that you can add to your pages or posts to build the layout and structure of your content. These blocks can include various elements such as text, images, buttons, forms, sliders, and more. The idea is to break down the content creation process into modular pieces, making it easier for users to design and customise their websites without dealing with complex code.

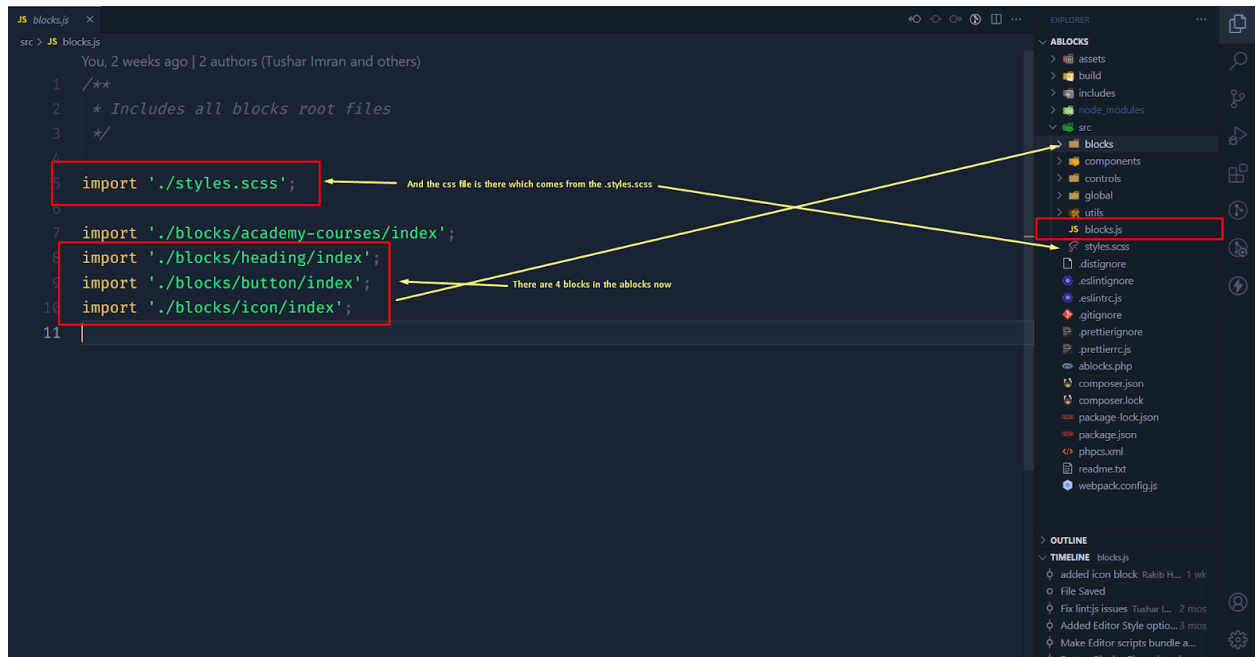
## **What is Control in the wordpress plugin?**

In the context of WordPress page builder plugins, a "control" usually refers to a user interface element that allows you to adjust or configure settings for a specific block or module. Controls provide a way for users to customise the appearance and behaviour of individual elements on their website without directly dealing with code.

## **How to develop a block in ABLOCKS?**

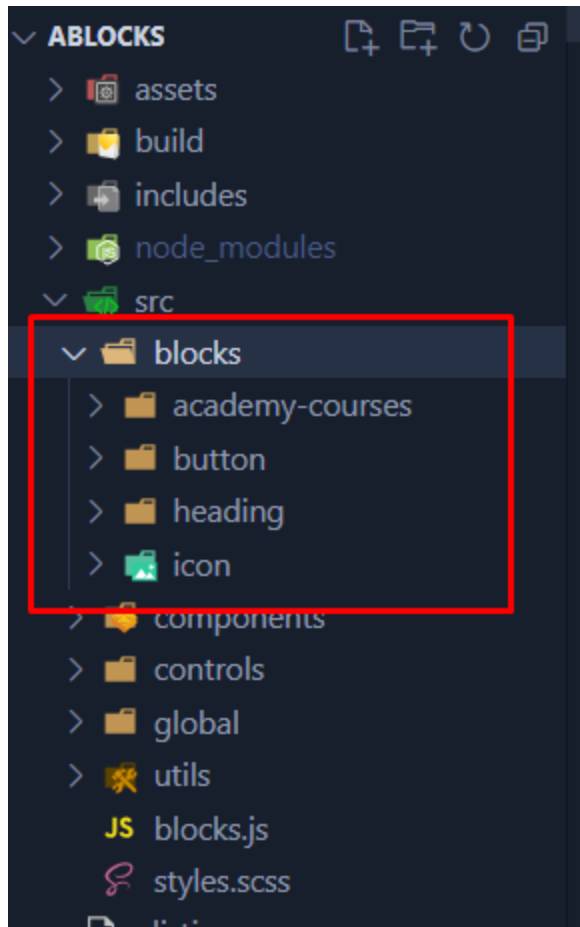
As a react developer in the ablocks project the starting file is blocks.js file, where all are blocks root file and all the styles file are located, like a heading, button, icon blocks are located there.

E.G: <https://prnt.sc/whe35nRdTJrm>



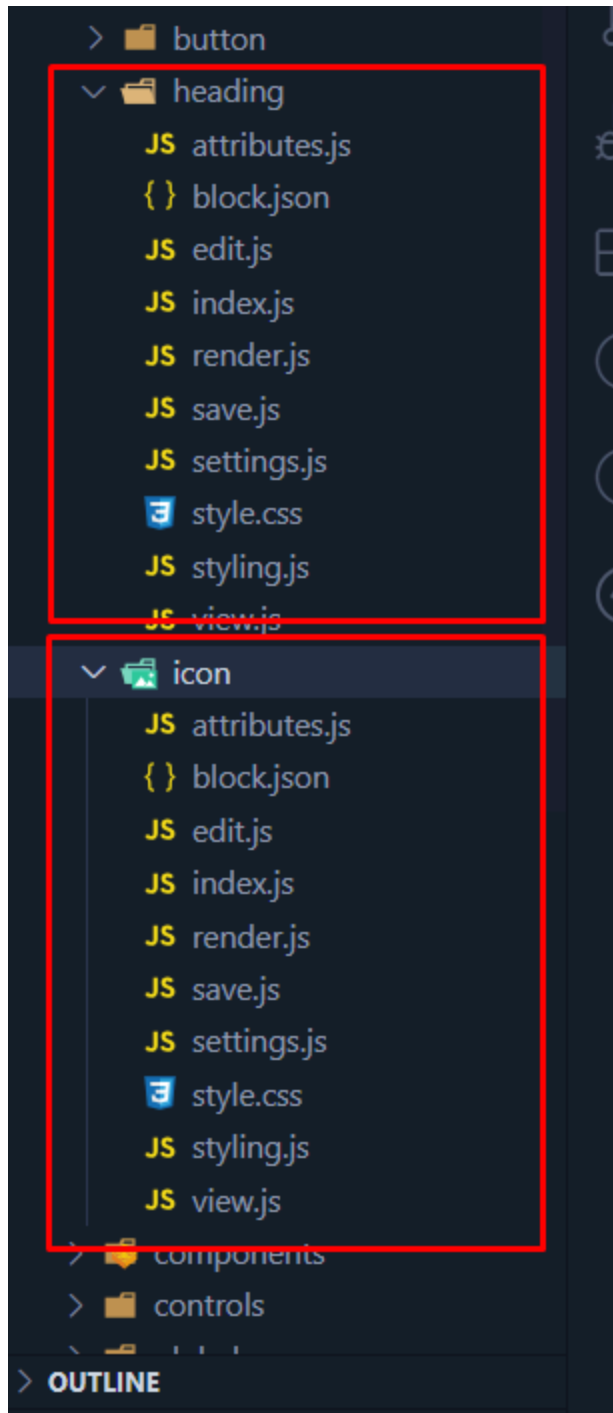
Above the screenshot there are 4 blocks in the ablocks plugin now, there will be added one by one blocks, and every block file is located in the blocks file under the src folder.

E.G:

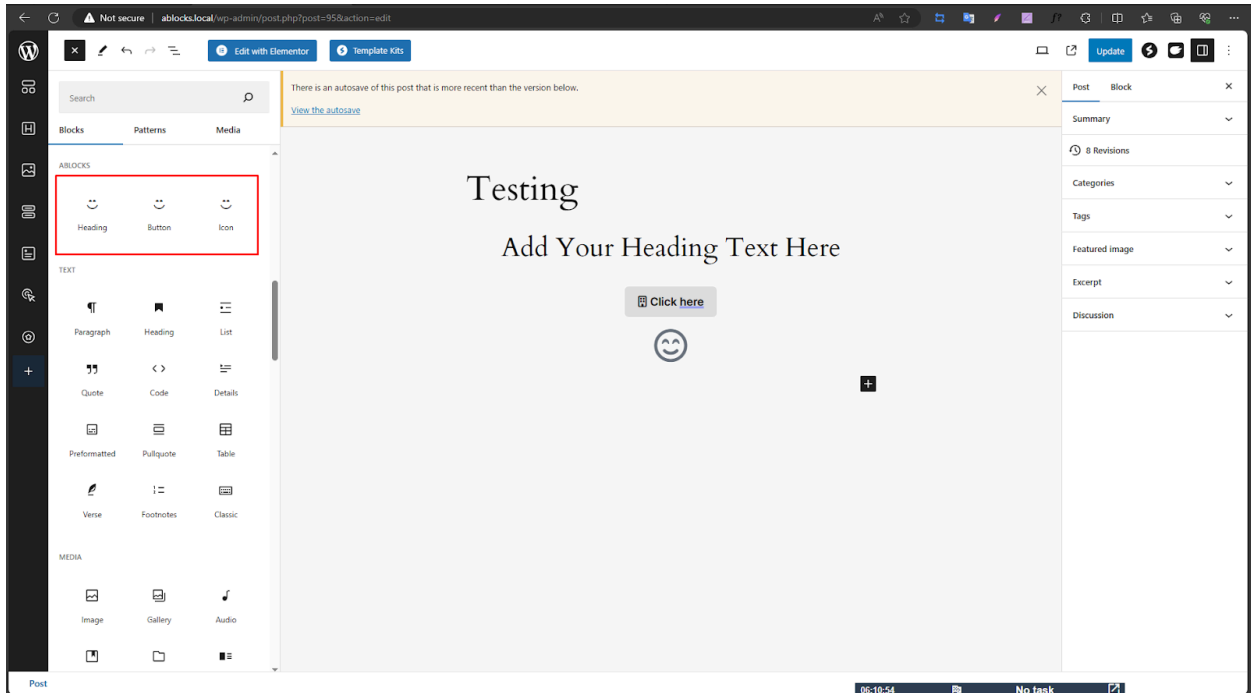


And every block has some specific configuration and has its separate files within its own files. But every file has almost the same configuration files and folders.

E.G:



The output of the plugin's block is



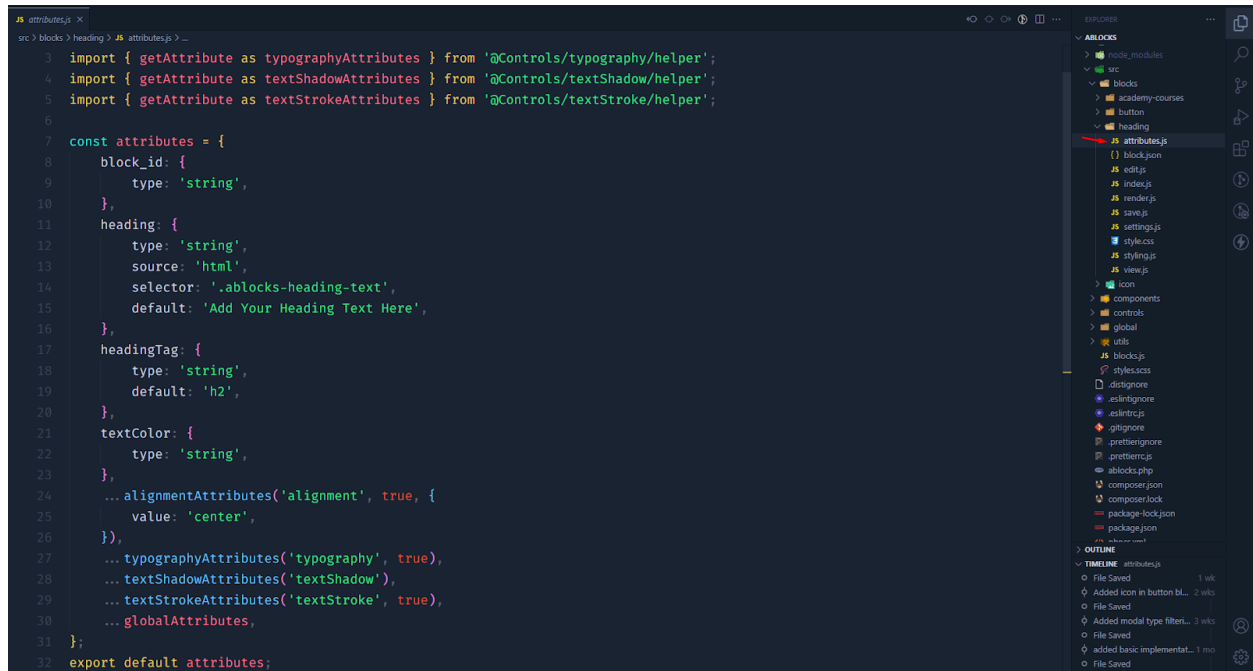
Every block's starting file is `index.js`, which is the register file for a block.

```
JS index.js x
src > blocks > heading > JS index.js > ...
Tushar Imran, 3 months ago | 1 author (Tushar Imran)
1 import { registerBlockType } from '@wordpress/blocks';
2 import attributes from './attributes';
3 import Edit from './edit';
4 import Save from './save';
5 import metadata from './block.json';
6
7 registerBlockType(metadata.name, {
8   attributes,
9   edit: Edit,
10  save: Save,
11 });
12
```

In the `registerBlockType` function have two parameter first one will receive the metadata name which is comes from the `blocks.json` file, and in the second parameter will receive an object with three properties, In the

attributes property will store all the attributes value of its own have, basically the attributes value is an object, and under that object can be store object or direct value of any properties.

The attributes file look like this:-



```
1 // attributes.js
2
3 import { getAttribute as typographyAttributes } from '@Controls/typography/helper';
4 import { getAttribute as textShadowAttributes } from '@Controls/textShadow/helper';
5 import { getAttribute as textStrokeAttributes } from '@Controls/textStroke/helper';
6
7 const attributes = {
8   block_id: {
9     type: 'string',
10   },
11   heading: {
12     type: 'string',
13     source: 'html',
14     selector: '.ablocks-heading-text',
15     default: 'Add Your Heading Text Here',
16   },
17   headingTag: {
18     type: 'string',
19     default: 'h2',
20   },
21   textColor: {
22     type: 'string',
23   },
24   ...alignmentAttributes('alignment', true, {
25     value: 'center',
26   }),
27   ...typographyAttributes('typography', true),
28   ...textShadowAttributes('textShadow'),
29   ...textStrokeAttributes('textStroke', true),
30   ...globalAttributes,
31 };
32
33 export default attributes;
```

## How to make a new block?

Video 01: 📺 How to create a block 01.mkv

Video 02: 📺 How to create a block 02.mkv

Video 03: 📺 How to create a block 03.mkv

## How do attributes work in a block?

Video 01: 📺 How attributes works.mkv

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## Lint: js issue solving tutorials

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