What are "block" elements and how are they different to "inline" elements?

What is the point of using elements like `<header>`, `<section>`, `<footer>` and `<aside>` instead of `<div>`? Are they visually different from one another?

What does a clearfix do?

What "display" type do you HAVE to use if you want to use the "justify-content" and "align-items"
properties in CSS?

What does "justify-content" affect, and what does "align-items" affect?

You have 3 divs, and their parent has "display: flex" on it:

```html
<div style="display:flex;">
    <div>I'm a flex child!</div>
    <div>Me too!</div>
    <div>I'm not, but I'm also a liar!</div>
</div>
```

Draw a diagram of what all of the different "justify-content" attributes do to the children

Then do the same for "align-items".

In this example:

```html
<head>
    <style>
        .header .yowza{
            background-color: green;
        }
        .header.yowza{
            background-color: red;
        }
        .header {
            background-color: #f2f2f2;
        }
    </style>
</head>
<body>
    <div class="header yowza">
        I'm a great header!
    </div>
    <script>
        $(document).ready(function(){
            $('.header').toggleClass('yowza');
        });
    </script>
</body>
```

What colour will the header's background be?

What does the CSS "transition" property do and how do we use it?

In Codepen, make a red box whose padding and colour morphs when you hover over it.