

# Twitter Thread by Pratham

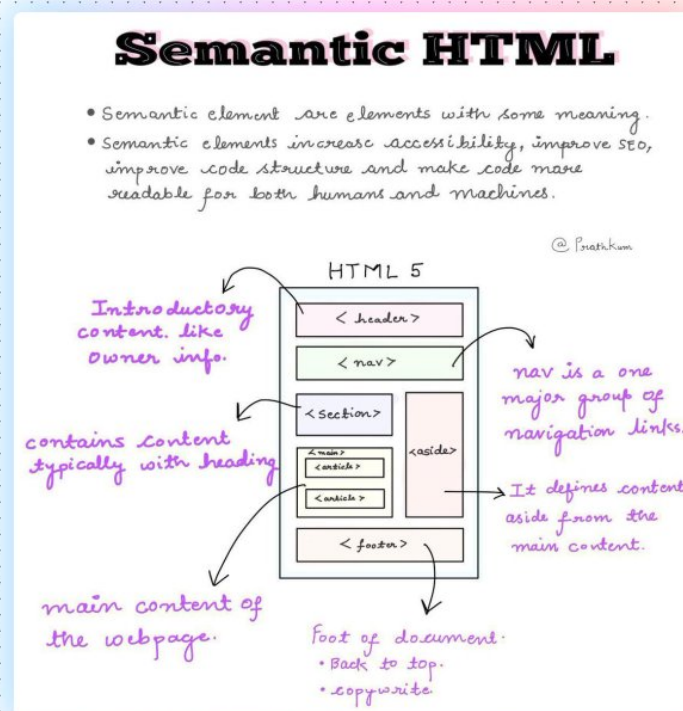


**Pratham**  
@Prathkum



My 8 handmade sketch notes you won't want to miss (learn web development for free):

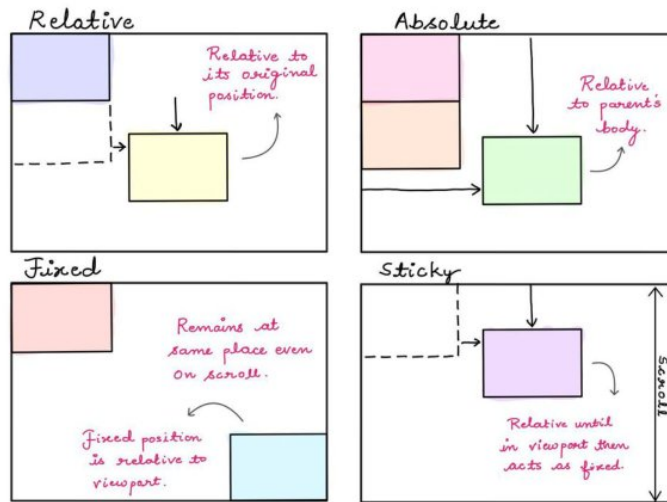
## 1. What is semantic HTML



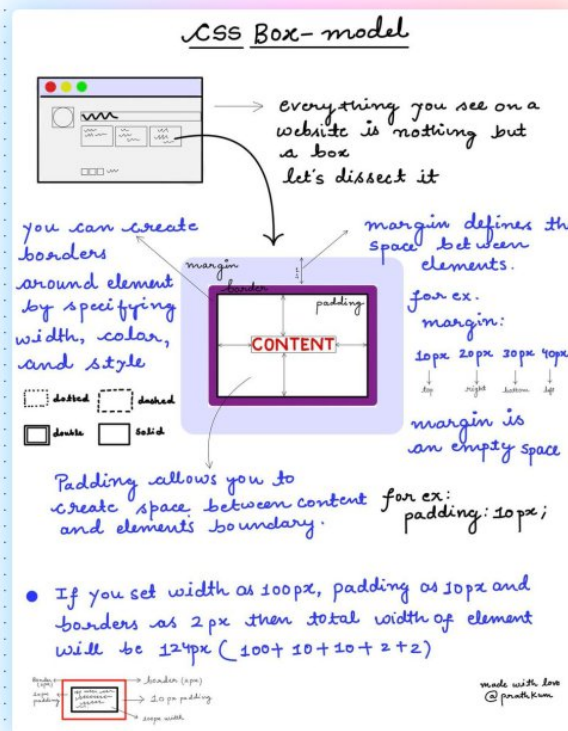
## 2. CSS Positioning

# CSS POSITIONING

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## 3. CSS Box-model



## 4. JavaScript Array Methods

```

[1,2,3].map(x => x * 2) // [2,4,6]
[1,2,3].filter(x => x < 2) // [1]
[1,2,3].indexOf(2) // 1
[1,2,3].reduce((x,y) => x * y) // 6
[1,2,3].reverse() // [3,2,1]

```

```

['P','R'].concat(['A']) // ['P','R','A']
['P','R','A'].slice(1) // ['R','A']
['P','A','T'].splice(1,0,'R') // ['P','R','A','T']
['P','R'].join('-') // 'P-R'
['P','R','A','T','H','A','M'].lastIndexOf('A') // 5

```

## Array Methods

```

[1,2,3,4].fill(0,2,4) // [1,2,0,0]
[1,2,3,4].find(x => x > 3) // 4
[1,2,3].findIndex(x => x > 1) // 1
[1,2,3].includes(2) // true
[1,2,3].some(x => x * 2 === 0) // true

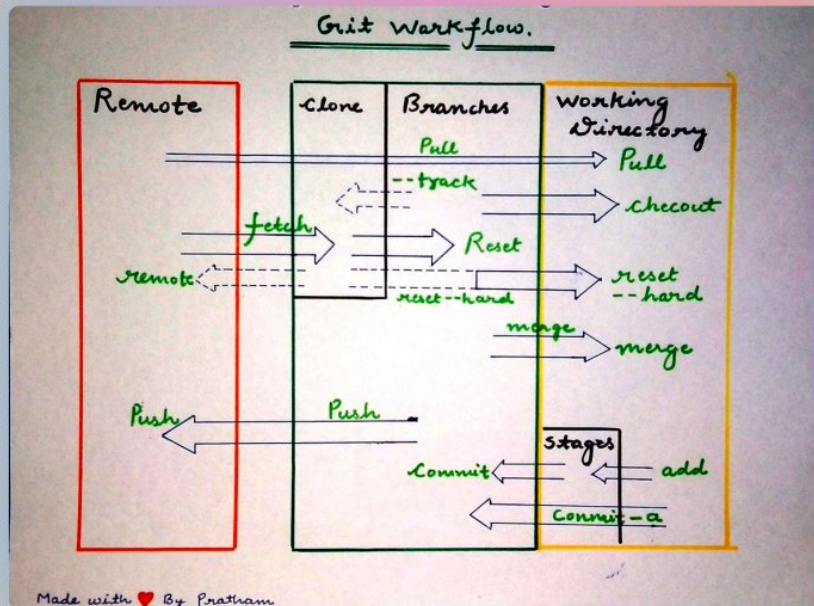
```

```

[1,2,3].forEach(x => console.log(x)) // 1, 2, 3
[1,2].push(3) // [1,2,3]
[1,2,3].pop() // [1,2]
[1,2,3].shift() // [2,3]
[1,2,3].unshift(0) // [0,1,2,3]
[1,2,3].every(x => x < 5) // true

```

## 5. Git Workflow



## 6. Alignment in CSS

Justify-items align content in a grid item along row axis	Justify-content	Align-Content
justify-items: start;	justify-content: start;	align-content: start;
justify-items: end;	justify-content: end;	align-content: end;
justify-items: center;	justify-content: center;	align-content: center;
justify-items: stretch;	justify-content: stretch;	align-content: stretch;
Align-items align content in a grid item along column axis		
align-items: start;	justify-content: space-around;	align-content: space-around;
align-items: end;	justify-content: space-between;	align-content: space-between;
align-items: center;	justify-content: space-evenly;	align-content: space-evenly;
align-items: stretch;		

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Justifies all grid content on row axis when total grid size is smaller than container

Justifies all grid content on column axis when total grid size is smaller than container

## 7. Grid Overview

### Grid Overview

```

one {
  grid-column: 1/4;
}

three {
  grid-column: 2/3;
  grid-row: 2/4;
}

five {
  grid-row: 3/5;
}

seven {
  grid-column: 2/4;
}

parent {
  justify-content: center;
  align-content: center;
}

```

grid-template-columns: 1fr 2fr 1fr 1fr

grid-gap: 10px;

## 8. Grid cheat sheet

Grid cheat sheet

1fr	2fr	1fr
1	2	3
4	5	6

grid-gap: 10px;  
grid-template-columns: 1fr 2fr 1fr;  
grid-gap: 10px;  
display: grid;

1	2	3
4	5	
6		

. five {  
  grid-column: 2/4;  
}  
// fifth element start from 2<sup>nd</sup> column and ends at 4<sup>th</sup> column

1	2	3
4	5	6

. one {  
  grid-row: 1/2;  
}  
// row gap

1	2	3
4	5	6

grid-row-gap: 10px  
grid-column-gap: 10px  
// column gaps.

1	2	3
4	5	6

// we can use grid-gap. It will add equal space b/w rows and column.

1	2	3
4	5	6

grid-template-columns: repeat(2, 1fr 2fr);  
// It will repeat column 2 times as 1 fraction and two fraction

1	2	3
4	5	6

grid-auto-columns: minmax(100px, auto);  
// min height 100px and max will use auto.

1	2	3
4	5	6

. parent {  
  grid-auto-row: 100px;  
}  
// every item has 100px height. Due to which content overflows. In order to prevent it.

1	2	3
4	5	6

. parent { justify-items: end; }  
// it will take center value as well, which will align the items center horizontally.

1	2	3
4	5	6

. parent { justify-items: start; }  
// it will align horizontally.

1	2	3
4	5	6

. parent { align-items: end; }  
// align-items: center will align all grid items at center and at vertically.

1	2	3
4	5	6

. parent { align-items: start; }  
// it will align vertically.

Thanks for checking this out.

You can check out my other threads at [@PrathKum](#). I generally write about web development. ■

I have prepared a free doc for you so that you can access all notes in high quality.

■ <https://t.co/51sWgcn2XG>

