

## Html Reference

1)To center a div

```
.classic
{
position:Absolute;
top:50%;
left:50%;
transform:translate(-50%, -50%);
}
```

```
.flex
{
display:flex;
justify-content:center;
align-items:center;
}
```

2)clamp

```
article
{
width:clamp(200px,50%,600px);
}
```

3)video

```
{
width:100%;
aspect-ratio:16/9;
}
```

4)when button clicked highlights

```
button:focus
{
outline: none !important; box-shadow: none !important;
}
```

5)position relative and absolute

```
<div style="position:relative">
<div style="position:absolute;top:0px;left:0px">
```

```

<p>heelo</p>
</div>
</div>
6)underline text space

<h1><u>Hello</u></h1>

u {
  padding-bottom:10px;
  text-decoration:none;
  border-bottom:3px solid #000;
}

7)loading effect
.shimmer {
  background-image: linear-gradient(
    90deg,
    #EEEEEE 0%,#EEEEEE 40%,
    #DDDDDD 50%,#DDDDDD 55%,
    #EEEEEE 65%,#EEEEEE 100%);
  background-size: 400%;
  animation:shimmer 1500ms infinite;
}

@keyframes shimmer{
  from {background-position: 100% 100%;}
  to {background-position: 0 0;}
}

8) Scroll Snap

.container {
scroll-snap-type: x mandatory;
}

.child {
scroll-snap-align: start;
}

9) checkbox

<div class=" container ">
<input type=" checkbox" name="" id="">
</div>

```

reference:

<https://stackblitz.com/edit/angular-dynamic-validation-messages-batcpr?file=src%2Fapp%2Fapp.component.html>

<https://stackblitz.com/edit/angular-dynamic-validation-messages-curd9c?file=src%2Fapp%2Fapp.component.html,src%2Fapp%2Fapp.component.ts,src%2Fapp%2Fshow-errors%2Fshow-errors.component.ts,src%2Fapp%2Fshow-errors%2Fshow-errors.component.html,src%2Fapp%2Fshow-errors%2Ferrors.constant.ts,src%2Fapp%2Fapp.module.ts>

<https://stackblitz.com/edit/angular-dynamic-validation-messages-gy1dbe?file=src%2Fapp%2Fapp.component.html,src%2Fapp%2Fapp.component.ts,src%2Fapp%2Fshow-errors%2Fshow-errors.component.ts%3AL49,src%2Fapp%2Fshow-errors%2Fshow-errors.component.html,src%2Fapp%2Fshow-errors%2Ferrors.constant.ts,src%2Fapp%2Fshow-errors%2Fshow-errors.component.css>

<https://www.prestonlamb.com/blog/unit-testing-in-angular>