#Using GSAP *************************

Step 1: npm install gsap

Step 2: import {*gsap*} from "gsap";

```
<script>

import {ref} from "vue";
```

Step 3:

```
const enter = (el) => {
  gsap.to(el,{
    y: 0,
    opacity: 1,
    duration: 1,
    ease: "bounce.out"

  });
}
```

Step 4: Using **done** method, **done** tokhon e execute hobe jkhn **gsap** er kaj complete hoye jabe,

For an example,

```
  const enter = (el,done) => {
  gsap.to(el,{
    y: 0,
    opacity: 1,
    duration: 3,
    ease: "bounce.out",
    onComplete: done

  });
}
```

Full code snippet,

```
<template>
  <div class="about">

    <transition appear
              @before-enter="beforeEnter"
              @enter="enter"
              @after-enter="afterEnter"
    >
      <h1>About</h1>
    </transition>
  </div>
</template>
```

```
<script>

import {ref} from "vue";
import {gsap} from "gsap";

export default {

  setup() {

    const showAbout = ref(true)

    const beforeEnter = (el) => {
      el.style.opacity = 0;
      el.style.transform = 'translateY(-60px)';
    }

    const enter = (el) => {
      gsap.to(el,{
        y: 0,
        opacity: 1,
        duration: 1,
        ease: "bounce.out"

      });
    }

    const afterEnter = () => {
      console.log('afterEnter')
    }

    return {
      beforeEnter, enter, afterEnter, showAbout
    }
  }
}
</script>

<style>

.about {
  max-width: 600px;
  margin: 20px auto;
}

.fade-enter-from {
  opacity: 0;
}
.fade-enter-active {
  transition: opacity 3s ease;
}
.fade-leave-to {
  opacity: 0;
}
.fade-leave-active {
  transition: opacity 3s ease;
}
</style>
```

#Staggered Animations (using GSAP)

Step 1: Using data index to animate individual elements, From the **.vue** file, added **:data-index**

```html
<li v-for="(icon,index) in icons" :key="icon.name" :data-index="index">
  <span class="material-icons">{{ icon.name }}</span>
  <div>{{ icon.text }}</div>
</li>
```

Step 2: by using **el** parameter**,** accessing the **index** parameter,

```js
const enter = (el,done) => {
  gsap.to(el,{
    opacity: 1,
    y: 0,
    duration: 0.8,
    onComplete: done,
    delay: el.dataset.index * 0.2
  });
}
```