

# ■ GSAP Basics Projects Handbook

## Project 1: Moving Box (Position)

```
<div id="box"></div>
gsap.to("#box", { x: 200, y: 100, duration: 2 });
```

## Project 2: Fade In / Out (Opacity)

```
<div id="text">Hello GSAP</div>
gsap.from("#text", { opacity: 0, duration: 2 });
// gsap.to("#text", { opacity: 0, duration: 2 });
```

## Project 3: Resizing & Scaling

```
<div id="box"></div>
gsap.to("#box", { width: 200, height: 200, duration: 2 });
gsap.to("#box", { scale: 1.5, duration: 2, delay: 2 });
```

## Project 4: Color & Background

```
<div id="text">Change Me</div>
<div id="box"></div>
gsap.to("#text", { color: "red", duration: 2 });
gsap.to("#box", { backgroundColor: "orange", duration: 2 });
```

## Project 5: Rotation & Border Radius

```
<div id="box"></div>
gsap.to("#box", { rotate: 360, borderRadius: "50%", duration: 2 });
```

## Project 6: Looping Animation

```
<div id="box"></div>
gsap.to("#box", {
  x: 300,
  duration: 2,
  repeat: -1,
  yoyo: true,
  delay: 1
});
```

## Project 7: Stagger (Multiple Elements)

```
<div class="circle"></div>
<div class="circle"></div>
<div class="circle"></div>
gsap.to(".circle", { x: 200, duration: 1, stagger: 0.3 });
```

## Project 8: Timeline Animation

```
<div id="box"></div>
let tl = gsap.timeline();
tl.to("#box", { x: 200, duration: 1 })
  .to("#box", { y: 200, duration: 1 })
  .to("#box", { rotate: 360, duration: 1 })
  .to("#box", { scale: 1.5, duration: 1 });
```