# Disabling Form Submission

## Objectives:

- Understand when it is necessary to disable forms
- Understand how to disable forms

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Forms typically come with submit buttons. Submit buttons, however, cause the browser to make a request to the url in the `action` attribute. In other words, the browser redirects to that url, which we don't want if we are using AJAX to submit the form. For example, consider the code below:

```
<form action='/new_destination' id='myForm' method='post'>
    Name: <input type='text' name='name'>
    <input type='submit' id='submit_btn' value='Submit'>
</form>

<script>
    $('#submit_btn').click(function(){
       $.ajax({
          url: '/new_destination',
          method: 'POST',
          data: $('#myForm').serialize()
        })
        .done(function(response){
             console.log(response);
        })
     });
</script>
```

When the submit button is clicked, it will send an AJAX request *and* submit the form normally. This means the browser will redirect to "/new_destination". To prevent the browser from going to that page directly, you need to add `return false` so that it does not submit the form normally.

In other words, your script would now look like this

```
$('#submit_btn').click(function(){    // listen for when the #submit_btn element is clicked
     $.ajax({
          url: '/new_destination',
          method: 'POST',
          data: $('#myForm').serialize()
     })
     .done(function(response){
         console.log(response);
     })
    return false;                     // return false to disable the normal submission of th
e form
});
```

Another way to disable the form submission is to listen for when the form is submitted, and then return false:

```
$('#myForm').submit(function(){     // listen for when the #myForm element is submitted
      $.ajax({
         url: '/new_destination',
         method: 'POST',
         data: $('#myForm').serialize()
       })
       .done(function(response){
            console.log(response);
       })
       return false;                // return false to disable the normal submission of the
 form
});
```

Either approach is okay.