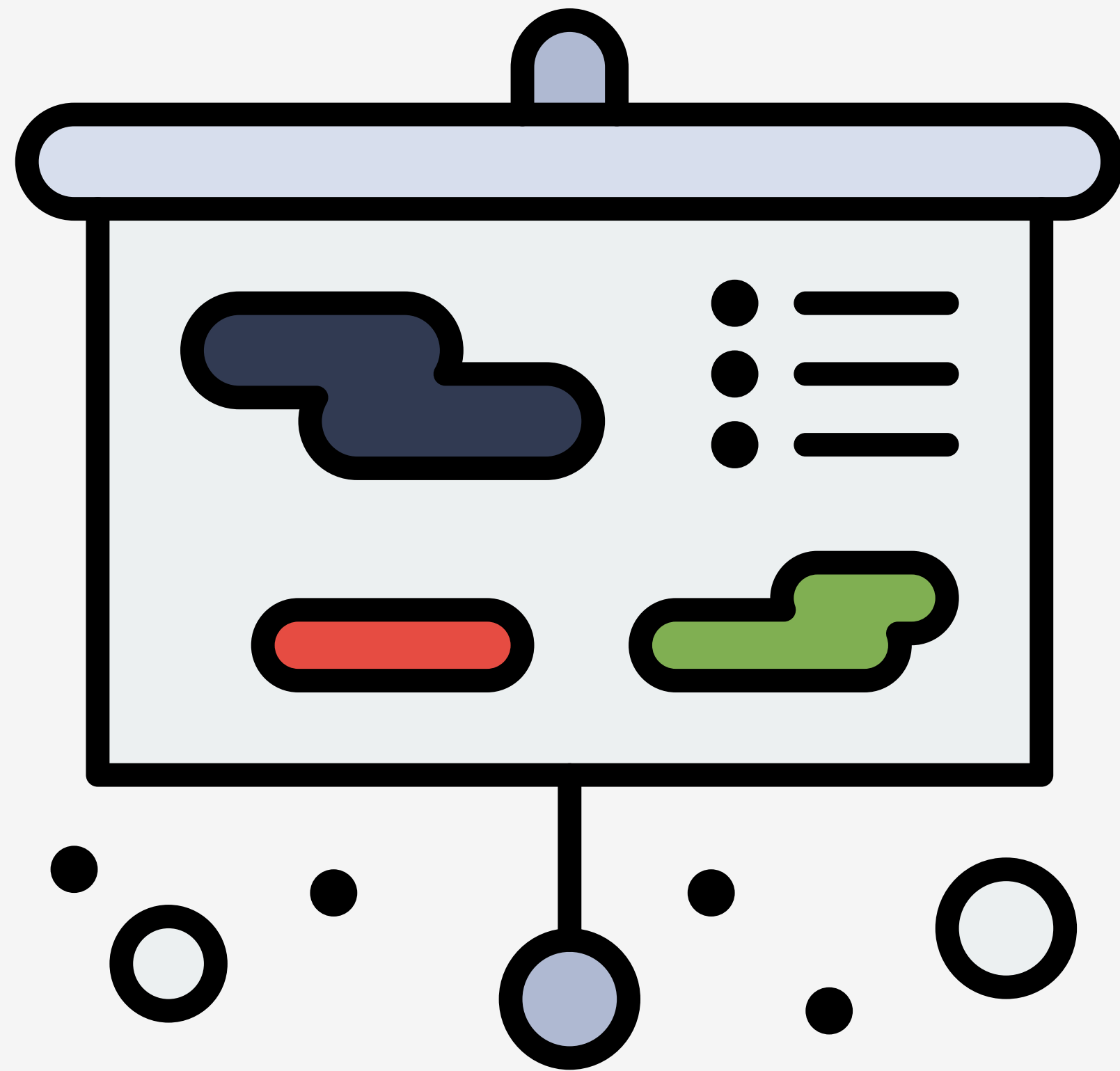

INTRODUCTION TO JAVASCRIPT

Lecture 17

TODAY'S TOPICS



- Ajax with jQuery
- jQuery Plugins

ANNOUNCEMENTS

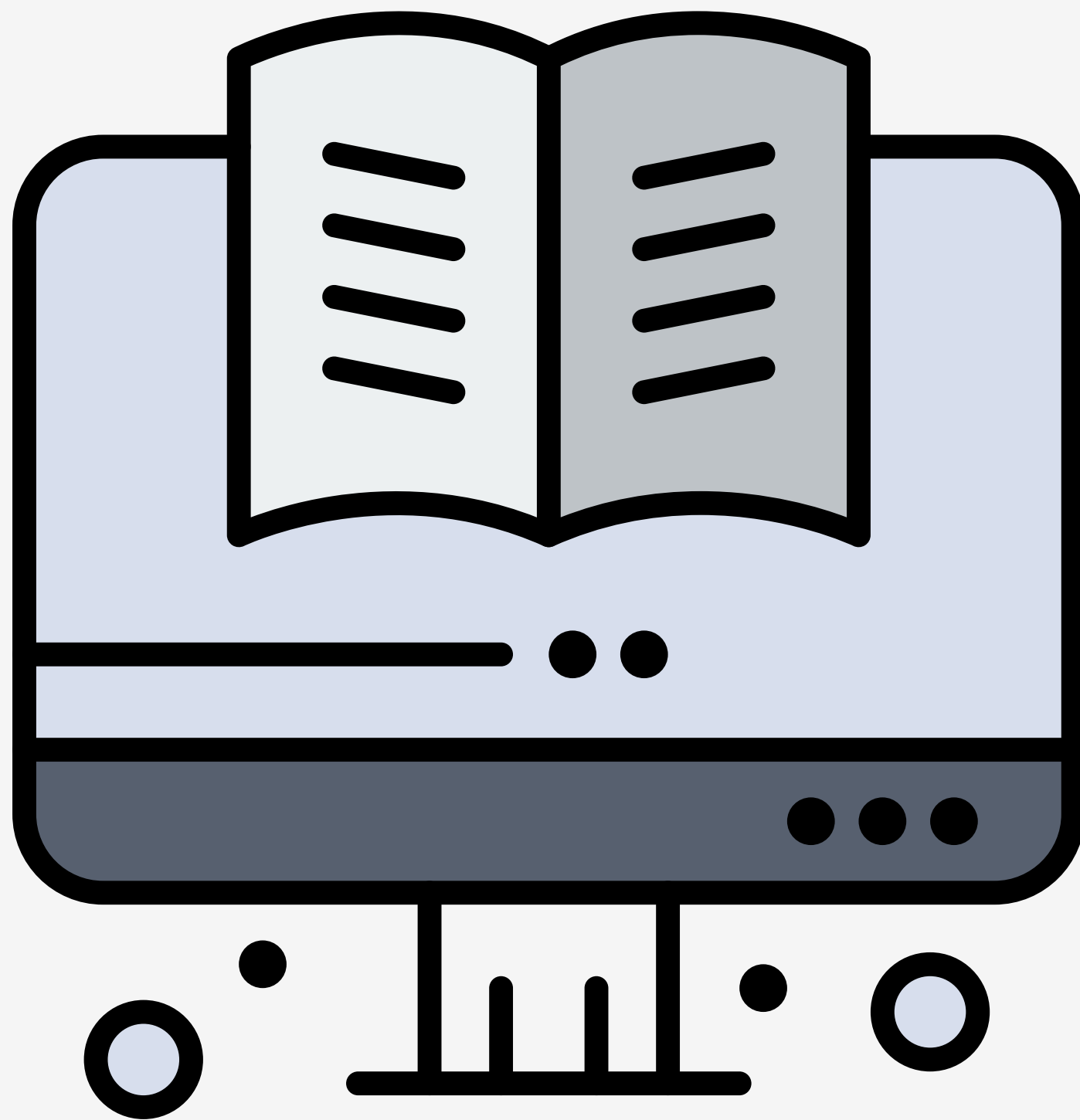
- Sign-in Sheet



QUESTIONS?

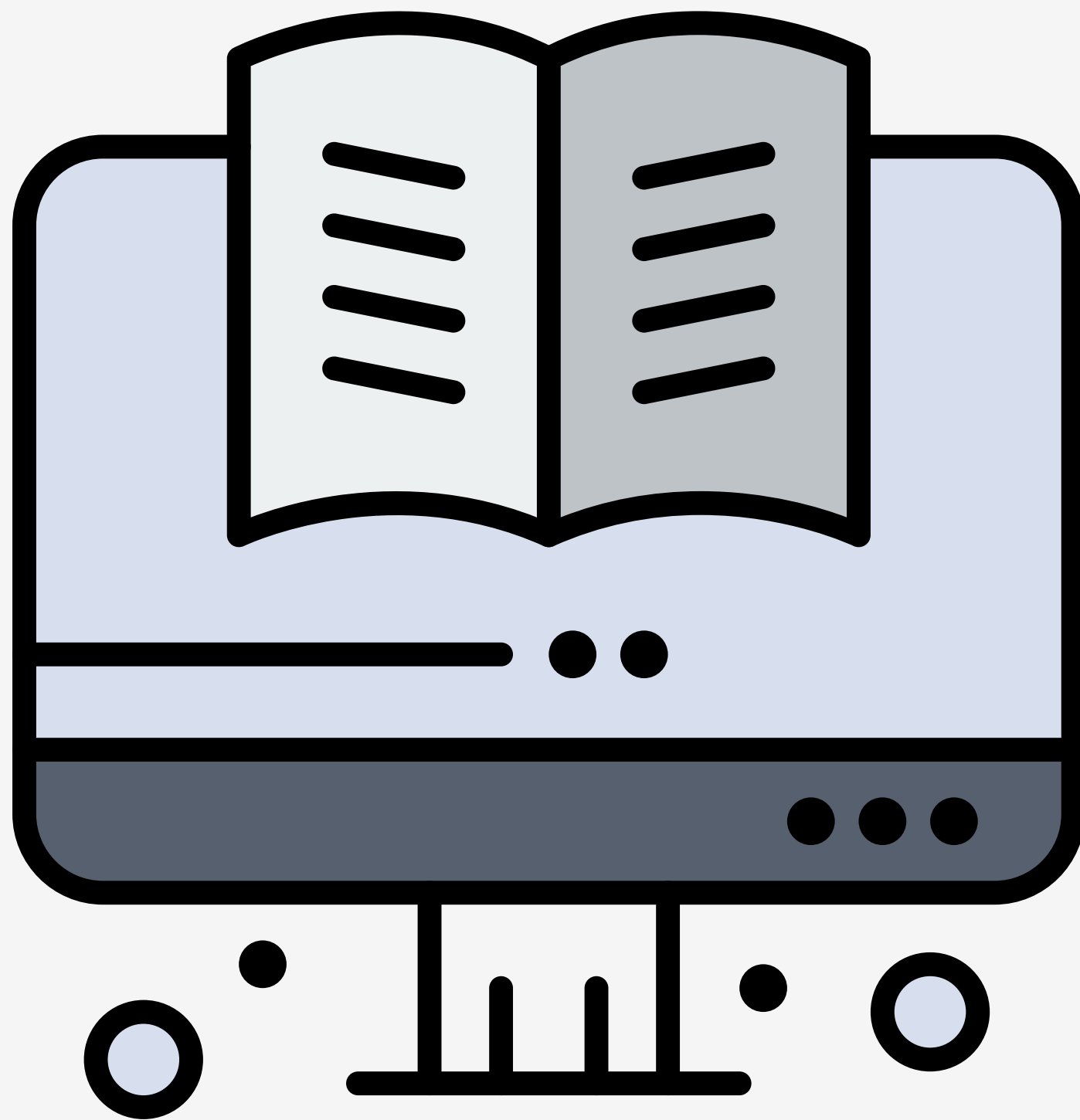
AJAX WITH JQUERY

AJAX WITH JQUERY



- **AJAX** stands for Asynchronous JavaScript and XML
- **Ajax** is process of updating content of page from the server without a page refresh
- The **XMLHttpRequest** object was used to make asynchronous requests to the server
- In 2017, the **fetch API** was released as a replacement

AJAX WITH JQUERY



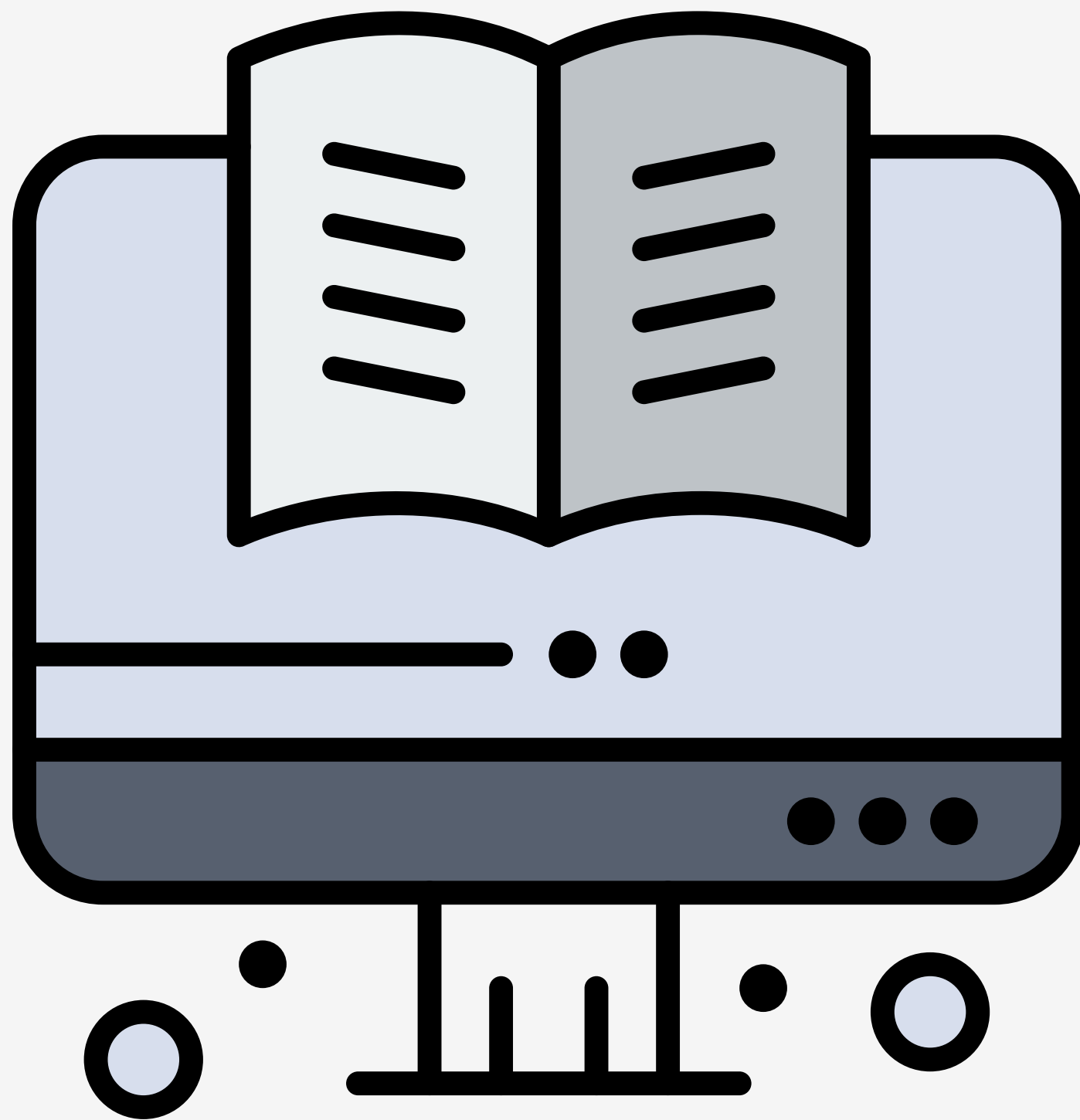
- The `jQuery.ajax()` method is used to make asynchronous calls
- It takes an object as a parameter, which contains required and optional settings
- Handlers are assigned to the Ajax call using `done()`, `fail()`, and `always()`

```
$.ajax({  
    url: 'https://jsonplaceholder.typicode.com/albums',  
    method: 'GET',  
    dataType: 'json'  
})  
  
.done(function (data) {  
    console.log(data)  
})  
  
.fail(function (err) {  
    console.error(err)  
})
```


HANDS-ON

JQUERY PLUGINS

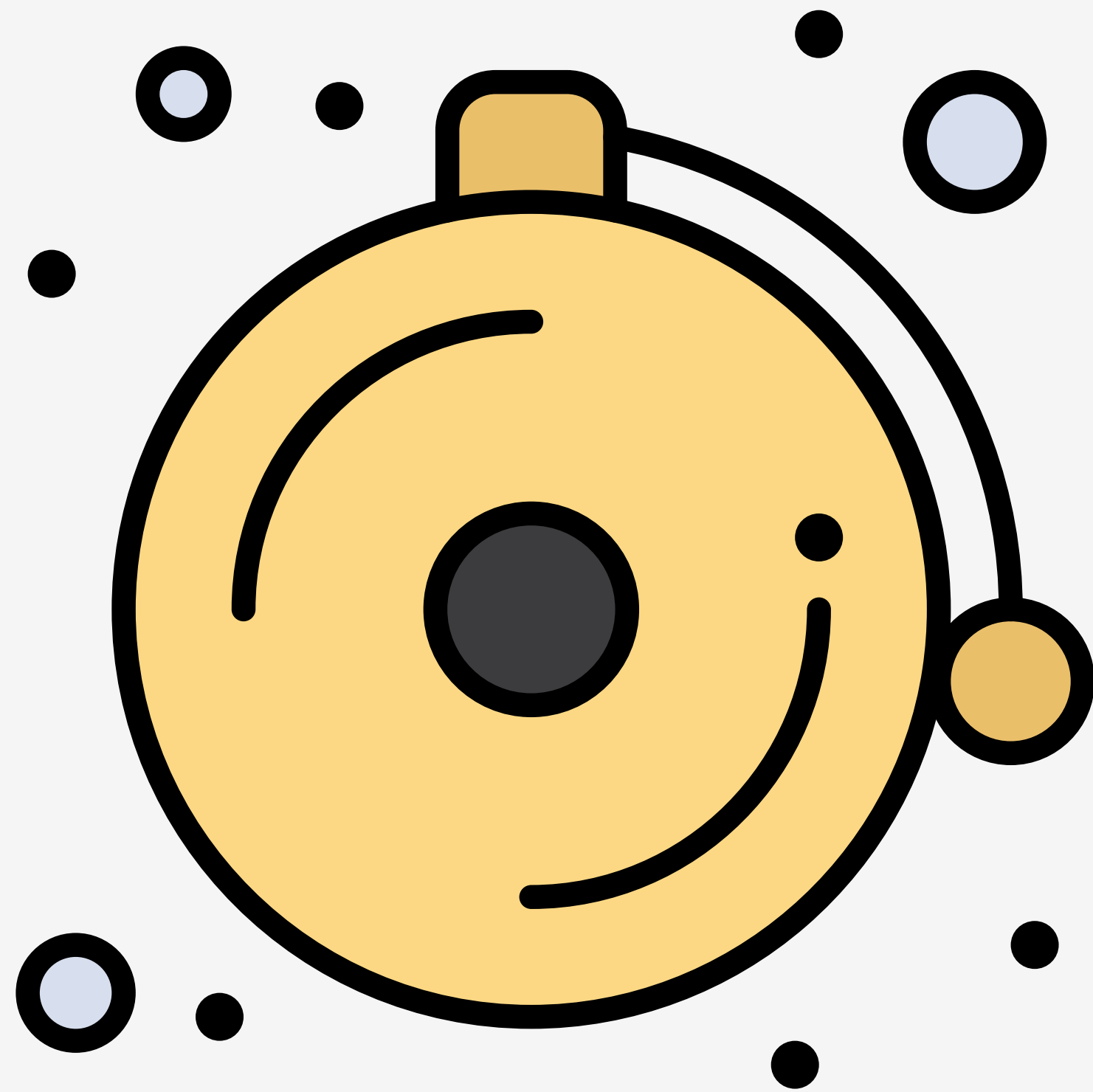
JQUERY PLUGINS



- jQuery Plugins are small scripts containing jQuery code used to complete a specific task
- Plugins were used to create photo galleries, add animation, display data, and create interactive content
- Some CSS Frameworks, like [Bootstrap](#) and [Foundation](#), include their own jQuery Plugins

HANDS-ON

NEXT TIME...



- Introduction to Sass
- **Exercise:** Sassy Shapes