1. **Create Desired Google Form**
2. **Go to "Responses" in form and select "Link to Sheets"**

Questions   **Responses**   Settings

0 responses   🟩 Link to Sheets   ⋮

Accepting responses ⬤

Waiting for responses
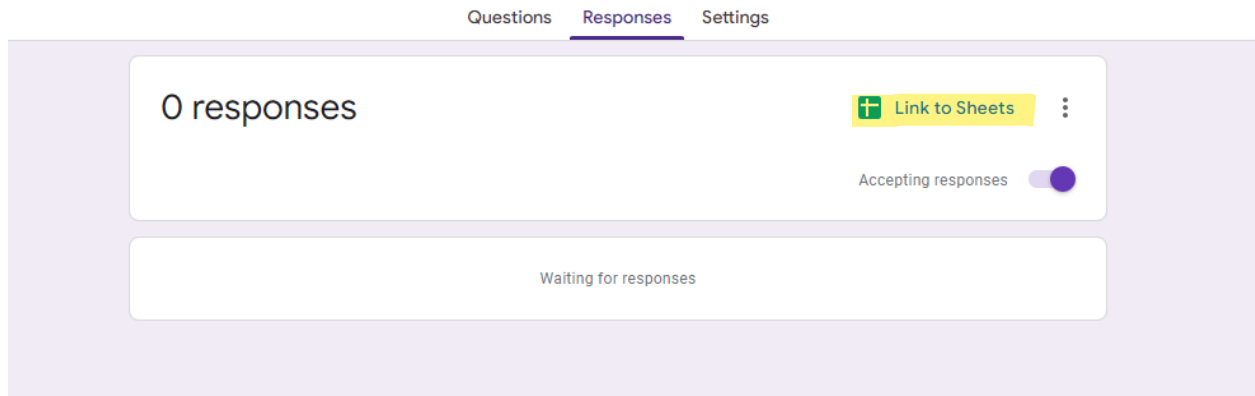
3. **Go to this results spread sheet and add in the following columns (order does not matter but capitalization and spelling do):**

Latitude	Longitude	Address	Zip Code	GeoLocation

4. **Click the 3 Dots on the Right Side of the page and select "Script Editor"**

Send   ⋮   B

📋 Make a copy

🗑 Move to trash

🔗 Get pre-filled link

🖨 Print

👥 Add collaborators

<> Script editor

🧩 Get add-ons

⌨ Keyboard shortcuts
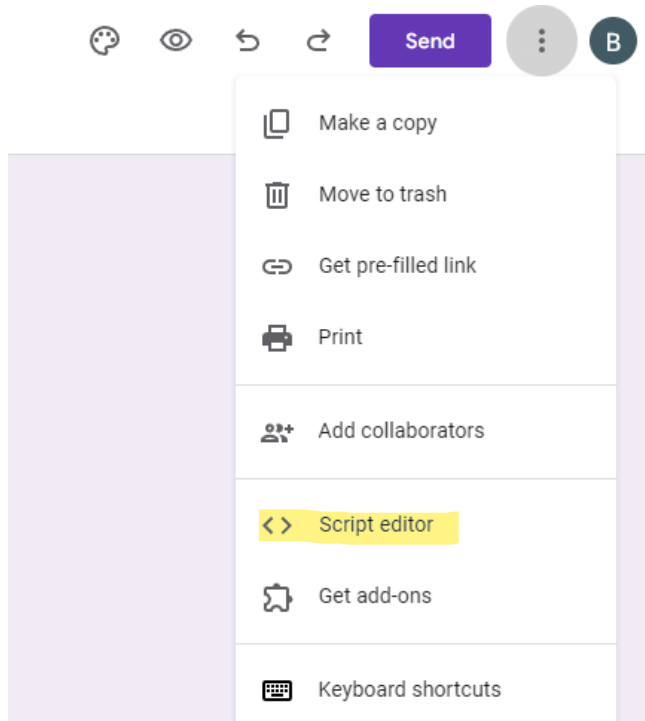
**5. In Code.gs copy and paste the following code:**

```
1   function doGet(e) {
2     return HtmlService.createHtmlOutputFromFile('index');
3   }
4
5   function reverse_geocode(lat, long) {
6     var response = Maps.newGeocoder().reverseGeocode(lat, long);
7     var address = response["results"][0]["formatted_address"];
8     return address;
9   }
10
11  function saveCoordinates(latitude, longitude, mapLink) {
12    var ss = SpreadsheetApp.openById("ADD YOUR SPREADSHEET ID HERE") ;
13    var respSheet = ss.getSheets()[0] ;
14    var data = respSheet.getDataRange().getValues() ;
15    var headers = data[0] ;
16
17
18    var address = reverse_geocode(latitude, longitude);
19    var areacodematch = address.match(/,\s*[A-Z]{2}\s*(\d{5})/);
20    if (areacodematch){
21      var areacode = areacodematch[1];
22    }
23    var latCol = headers.indexOf("Latitude") + 1;
24    var longCol = headers.indexOf("Longitude") + 1;
25    var addressCol = headers.indexOf("Address") + 1;
26    var areaCol = headers.indexOf("Zip Code") + 1;
27    var mapLinkCol = headers.indexOf("GeoLocation") + 1;
28    var lastRow = respSheet.getLastRow();
29    respSheet.getRange(lastRow, latCol).setValue(latitude);
30    respSheet.getRange(lastRow, longCol).setValue(longitude);
31    respSheet.getRange(lastRow, addressCol).setValue(address);
32    respSheet.getRange(lastRow, areaCol).setValue(areacode);
33    respSheet.getRange(lastRow, mapLinkCol).setValue(mapLink);
34  }
35
```

6. Where the code in step 5 says "ADD YOUR SPREADSHEET ID HERE", enter in your Response SpreadSheet google id. This can be found in the following location on your own spreadsheet. (surround it by quotation marks)

    a. Ex:
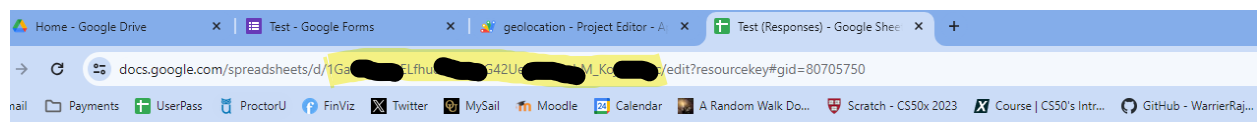
7. Go back to the script editor and add a file called "index" that is an html file.
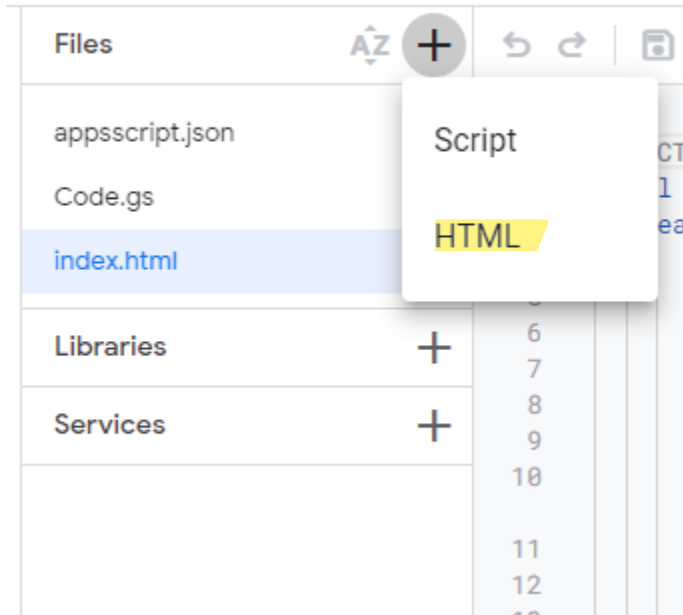
8. In that html file, insert the following code:

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Location Services</title>
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/limonte-sweetalert2/7.33.1/sweetalert2.min.css">
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.2/css/all.css"    integrity="sha384-fnmOCqbTlWIlj8LyTjo7mOUStjsKC4pOpQbqyi7RrhN7udi9RwhKkMHpvLbHG9Sr" crossorigin="anonymous">
    <script>
        (function getLocation() {
          console.log("Getting Location")
            if (navigator.geolocation) {
              navigator.geolocation.getCurrentPosition(showPosition);
          }
        })()
        function showPosition(position) {
          var latitude = position.coords.latitude;
          var longitude = position.coords.longitude;
          var mapLink = 'https://www.openstreetmap.org/?mlat=' + latitude + '&mlon=' + longitude + '#map=18/' + latitude + '/' + longitude;
          getPos(latitude, longitude, mapLink)
          function getPos(latitude, longitude, mapLink) {
          google.script.run.saveCoordinates(latitude, longitude, mapLink);
          }
        }
    </script>
  </head>
  <body>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/limonte-sweetalert2/7.33.1/sweetalert2.min.js"></script>

    <script>

    swal({
        title: "Please Enable Location Services if Prompted",
        text: "Success submitting your form!",
        type: "success"
    }).then(function() {
        window.location.href = "https://chsinc.org/";
    });

    </script>
  </body>
</html>
```

Update website you would like to be directed to.

9. **Click Deploy → New Deployment (Add description). Select type "Web App". Execute as "Me (your.email@gmail.com). And select "Anyone" under who has access.**

10. **You will have to allow authorization of your drive on the email you selected.**

11. **Copy the url from the "Web App" Deployment that should pop up.**

Web app

URL

https://script.google.com/macros/s████████████████████████

📋 Copy

12. Go back to your form. Go to Settings → Presentation → Confirmation Message(Edit). And copy this deployment url with any personalized message you would like. After "script.google.com/" and before "/macros/s/" add "a/gmail.com

Confirmation message

https://script.google.com/a/gmail.com/macros/s/

Now when users select the link and allow location sharing after submitting the google form, their Latitude, Longitude, Zip Code, Address, and a map link should all populate the added spreadsheet columns.