```
index.html
<!DOCTYPE html>
<html lang="en">
  <meta charset="UTF-8">
  <title>APIs</title>
  <script src="index.js"></script>
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script
         margin: 2%;
         padding: 25px;
  </style>
<body>
<div>
  <h1>APIs</h1>
  <h2>Using AJAX</h2>
```

```
<h3>API Results</h3>
over 1000 cryptocurrencies.
  There are several options for this API. The one I used was the asset
option where I can see a list
  of asset data they have. From there, I filtered the assets by id and used
that to find bitcoin data such as
  2 options where this could be useful is when trying to create a
cryptocurrency trading app and
having to go into an app everyday.
  For example, by using this API, I can just open this website and check live
bitcoin prices everyday!
  <h3>Ouestion</h3>
access the element I wanted to
  in the json object using javascript. The most satisfying part of this
assignment was after I completed it and
and I didn't know it did that
  prior to doing this assignment.
</div>
</body>
```

index.js

```
//AJAX
const req = new XMLHttpRequest();
req.onreadystatechange = function () {
   if(req.readyState === 4 && req.status === 200) {
      const json = JSON.parse(req.responseText);
      $("#AJAX").append("Name: " + json.data[0]["id"] + "<br/>");
      $("#AJAX").append("Symbol: " + json.data[0]["symbol"] + "<br/>");
      price = parseInt(json.data[0]["priceUsd"]);
      $("#AJAX").append("Price (USD): " + price.toFixed(2));
}
};
req.open("GET", "https://api.coincap.io/v2/assets?ids=bitcoin", true);
req.send();

fetch("https://api.coincap.io/v2/assets?ids=bitcoin")
      .then(res => res.json())
      .then(json => {
            $("#fetch").append("Name: " + json.data[0]["id"] + "<br/>");
            $("#fetch").append("Symbol: " + json.data[0]["symbol"] + "<br/>");
            price = parseInt(json.data[0]["priceUsd"]);
            $("#fetch").append("Price (USD): " + price.toFixed(2));
})
```

Using postman

