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let locationButton = document.getElementById("get-location");
let locationDiv = document.getElementById("location-details");

locationButton.addEventListener("click", () => {
  //Geolocation APU is used to get geographical position of a user and is available inside the
  navigator object
  if (navigator.geolocation) {
    //returns position(latitude and longitude) or error
    navigator.geolocation.getCurrentPosition(showLocation, checkError);
  } else {
    //For old browser i.e IE
    locationDiv.innerText = "The browser does not support geolocation";
  }
});

//Error Checks
const checkError = (error) => {
  switch (error.code) {
    case error.PERMISSION_DENIED:
      locationDiv.innerText = "Please allow access to location";
      break;
    case error.POSITION_UNAVAILABLE:
      //usually fired for firefox
      locationDiv.innerText = "Location Information unavailable";
      break;
    case error.TIMEOUT:
      locationDiv.innerText = "The request to get user location timed out";
  }
};

const showLocation = async (position) => {
  //We use the Nominatim API for getting actual address from latitude and longitude
  let response = await fetch(
    `https://nominatim.openstreetmap.org/reverse?lat=${position.coords.latitude}&lon=${position.coords.longitude}&format=json`
  );
  //store response object
  let data = await response.json();
  locationDiv.innerText = `${data.address.city}, ${data.address.country}`;
};
```