

popup.js

```
document.addEventListener('DOMContentLoaded', function() {
  // Get references to the UI elements
  const searchInput = document.getElementById('search');
  const searchButton = document.getElementById('searchButton');
  const resultsDiv = document.getElementById('results');

  // Get the search query from the URL parameter
  const urlParams = new URLSearchParams(window.location.search);
  const searchQuery = urlParams.get('search');

  // If there's a search query, set it as the value of the search input and perform the search
  if (searchQuery) {
    searchInput.value = searchQuery;
    search();
  }

  // Add a listener to the search button
  searchButton.addEventListener('click', search);

  // Search for the entered text
  async function search() {
    console.log('Search button clicked');
    try {
      const searchText = searchInput.value.toLowerCase();
      const databaselink = chrome.runtime.getURL('database.json');
      const response = await fetch(databaselink);
      const nounData = await response.json();
      const results = nounData.filter(function(db) {
        return db.noun.toLowerCase() === searchText;
      });
      if (results.length > 0) {
        while (resultsDiv.firstChild) {
          resultsDiv.removeChild(resultsDiv.firstChild);
        }
        results[0].uses.forEach(function(use) {
          const li = document.createElement('li');
          li.textContent = use;
          resultsDiv.appendChild(li);
        });
      } else {
        resultsDiv.textContent = 'Nothing found in the database.';
      }
    } catch (error) {
      console.error('Error fetching data:', error);
      resultsDiv.textContent = 'An error occurred while searching the database. Please try again later.';
    }
  }
});
```