```
// Get DOM elements
const searchForm = document.getElementById('search-form');
const searchInput = document.getElementById('search-input');
const resultsContainer = document.getElementById('results-container');
const paginationContainer = document.getElementById('pagination-container');
const recentSearchesContainer = document.getElementById('recent-searches-container');

// Recent searches array
let recentSearches = [];

// Function to perform image search
async function searchImages(query, page = 1) {
  try {
    const response = await fetch(`/api/imagesearch/${encodeURIComponent(query)}?page=${page}`);
    const data = await response.json();
    return data;
  } catch (error) {
    console.log('Error searching images:', error);
  }
}

// Function to display search results
function displayResults(results) {
  resultsContainer.innerHTML = '';

  results.forEach(result => {
    const resultElement = document.createElement('div');
    resultElement.classList.add('result');
```

```
    resultElement.innerHTML = `<a href="${result.url}"
target="_blank">${result.url}</a><br>${result.description}`;
    resultsContainer.appendChild(resultElement);
  });
}

// Function to display pagination links
function displayPagination(page, totalCount) {
  paginationContainer.innerHTML = '';

  const totalPages = Math.ceil(totalCount / 10);

  for (let i = 1; i <= totalPages; i++) {
    const pageLink = document.createElement('a');
    pageLink.href = `?page=${i}`;
    pageLink.textContent = i;
    paginationContainer.appendChild(pageLink);
  }
}

// Function to display recent searches
function displayRecentSearches() {
  recentSearchesContainer.innerHTML = '';

  recentSearches.forEach(search => {
    const searchLink = document.createElement('div');
    searchLink.classList.add('recent-searches');
    searchLink.innerHTML = `<a href="/api/latest/imagesearch/${search}"
target="_blank">${search}</a>`;
```

```
    recentSearchesContainer.appendChild(searchLink);
  });
}

// Event listener for search form submission
searchForm.addEventListener('submit', async function (event) {
  event.preventDefault();

  const query = searchInput.value.trim();
  const results = await searchImages(query);

  displayResults(results);
  recentSearches.unshift(query);
  displayRecentSearches();

  searchInput.value = '';
});

// Function to handle page load
async function handlePageLoad() {
  const urlParams = new URLSearchParams(window.location.search);
  const page = urlParams.get('page') || 1;

  const results = await searchImages('', page);

  displayResults(results);
  displayPagination(page, results.totalCount);
  displayRecentSearches();
}
```

```
// Call handlePageLoad on page load
handlePageLoad();
```