

```
const searchFlickr = function (keywords) {
  console.log('Searching for', keywords);

  const flickrURL = 'https://api.flickr.com/services/rest';

  $.getJSON(flickrURL, {
    method: 'flickr.photos.search',
    api_key: '2f5ac274ecfac5a455f38745704ad084',
    text: keywords,
    format: 'json',
    nojsoncallback: 1 // please don't be bored enough to read up this
  }).done(showImages).done(function (response) {
    console.log(response);
  });
};

const showImages = function (results) {
  _(results.photos.photo).each(function (photo) {
    const thumbnail = generateURL(photo);
    const $img = $('<img>', {src: thumbnail});
    $('#images').append($img);
    // display the thumbnail
  });
};

const generateURL = function (p) {
  return [
    'http://farm',
    p.farm,
    '.static.flickr.com/',
    p.server,
    '/',
    p.id,
    '_',
    p.secret,
    '_q.jpg' // change 'q' to something else for different sizes (see
documentation)
  ].join('');
};

$(document).ready(function () {
  $('#search').on('submit', function (event) {
    event.preventDefault(); // disable the form from being submitted
to a server.

    const searchTerms = $('#query').val();
    searchFlickr(searchTerms);
  });

  $(window).on('scroll', function () {
    //calculate the scroll bottom (how close we are to the end of the
document)
```

```
    const scrollTop = $(document).height() - $(window).height() -  
$(window).scrollTop();  
    // if (scrollTop < 600)  
    //searchFlickr again for more photos  
    if (scrollTop < 600){  
        const searchTerms = $('#query').val();  
        searchFlickr(searchTerms);  
    }  
});  
});
```