

```
/* Your code starts here */
```

```
var app = app || {};
```

```
app.main = (function() {
    console.log("Your code starts here!");

    var attachEvents = function(){
        $('button').off('click').on('click', function(){
            loadWeather($(this).html());
        });
    };

    var loadCities = function(city){
        $.getJSON('/cities', function(response){
            for(var i = 0; i < response.length; i++){
                $('body').prepend('<button name=' + response[i] + '>' + response[i] + '</button>');
            }
            attachEvents();
        });
    };

    var loadWeather = function(city){
        $.post('/weather', {
            city: city
        }, function(response) {
            console.log(response);
            $('#data').empty();
            $('#data').append('<p>The weather in ' + response['city'] + ' is:</p>');
            for(var prop in response['weather']){
                $('#data').append('<p>' + prop + ': ' + response['weather'][prop] + '</p>');
            }
        });
    };

    var init = function(){
        console.log('Initializing app.');
        loadCities();
    };

    return {
        init: init
    };

})();
```

```
window.addEventListener('DOMContentLoaded', app.main.init);
```