```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

#define API_ENDPOINT "https://api.openweathermap.org/data/2.5/weather"
#define API_KEY "cf87caec981c552fe6909bd59b17c832"

void print_weather(const char *city_name) {
  char request_url[1024];
  char response_body[1024];
  size_t response_size;

  // Construct the request URL
  sprintf(request_url, "%s?q=%s&appid=%s", API_ENDPOINT, city_name, API_KEY);

  // Make a request to the API
  int http_status_code = curl_easy_perform(curl);
  if (http_status_code != CURLE_OK) {
   fprintf(stderr, "Could not perform request: %s\n", curl_easy_strerror(http_status_code));
   exit(EXIT_FAILURE);
  }

  // Get the response body
  curl_easy_getinfo(curl, CURLINFO_RESPONSE_BODY, &response_size);
  if (response_size == 0) {
   fprintf(stderr, "No response body\n");
   exit(EXIT_FAILURE);
  }

  // Parse the JSON response
  struct JSON_object *root;
```

```c
  root = json_object_new_object();
  if (root == NULL) {
    fprintf(stderr, "Could not create JSON object\n");
    exit(EXIT_FAILURE);
  }

  json_object_parse_string(root, response_body);

  // Display the weather data
  printf("Current weather in %s:\n", city_name);
  printf("Temperature: %.1f °C\n", json_object_get_double(root, "main", "temp") - 273.15);
  printf("Humidity: %d%%\n", json_object_get_int(root, "main", "humidity"));
  printf("Wind speed: %.1f m/s\n", json_object_get_double(root, "wind", "speed"));
  printf("Wind direction: %d°\n", json_object_get_int(root, "wind", "deg"));

  // Free the JSON object
  json_object_put(root);

  // Free the response body
  free(response_body);

  // Close the CURL handle
  curl_easy_cleanup(curl);
}

int main() {
  char city_name[256];

  // Get the city name from the user
  printf("Enter city name: ");
  fgets(city_name, sizeof(city_name), stdin);
```

```c
    city_name[strlen(city_name) - 1] = '\0';

    // Print the weather for the city
    print_weather(city_name);

    return 0;
}
```