Tutorial on how to use Pokemon API

The following are the steps to use Pokemon API to build favorite pokemon and displaying it are as follows:

Requirements:

1.import ‘package:http/http.dart’ for fetching the data from internet.

2.import ‘dart:convert’; for converting all data’s into json format as json.decode we use.

3.Create a main function as asynchronous because the value we will get on future time by adding async before the function body and during calling time by await which provides you to get data as in future time.

4. Create a future method to perform fetching operations and printing the results according to the user desire.

5. Make a certain variable and parse the string value into it which converts string into URI.

6. Now get the overall answer of the website. Now fetch using http packages and to see the all information do print(variable.body).

7. Get the information in json format by json.decode as make them as a list of map.

8. Print the desired information as you get the lists of map with the help of index which you can access through the loop system.

You can follow the tutorial and also this sample which helps you to understand Pokemon Api.

import 'package:http/http.dart 'as http;

import 'dart:convert';

import 'dart:async';

const request="https://pokeapi.co/api/v2/ability/";

Map data;

List list;

void main()async

{

  await getvalues('1');

}

Future<dynamic> getvalues(String api)async

{

    var url=Uri.parse(request+api);

    var response=await http.get(url);

    print(response.body);

    data=json.decode(response.body);

    list=data["names"];

    print(list);

    for(var i=0; i<list.length; i++)

    {

        print(list[i]['name']);

    }

    print("My favoutite pokemon out of these are ${list[7]['name']}");

}