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{"strMeal":"Peach & Blueberry Grunt","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/ssxvup1511387476.jpg","idMeal":"52862"},

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{"strMeal":"Rocky Road Fudge","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/vtxyxv1483567157.jpg","idMeal":"52786"},

{"strMeal":"Rogaliki (Polish Croissant Cookies)","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/7mxnzz1593350801.jpg","idMeal":"53024"},

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{"strMeal":"Strawberry Rhubarb Pie","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/178z5o1585514569.jpg","idMeal":"53005"},

{"strMeal":"Sugar Pie","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/yrstur1511816601.jpg","idMeal":"52931"},

{"strMeal":"Summer Pudding","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/rsqwus1511640214.jpg","idMeal":"52889"},

{"strMeal":"Tarte Tatin","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/ryspuw1511786688.jpg","idMeal":"52909"},

{"strMeal":"Timbits","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/txsupu1511815755.jpg","idMeal":"52929"},

{"strMeal":"Treacle Tart","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/wprvrw1511641295.jpg","idMeal":"52892"},

{"strMeal":"Tunisian Orange Cake","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/y4jpgq1560459207.jpg","idMeal":"52970"},

{"strMeal":"Walnut Roll Gu\u017evara","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/u9l7k81628771647.jpg","idMeal":"53062"},

{"strMeal":"White chocolate creme brulee","strMealThumb":"https:\/\/www.themealdb.com\/images\/media\/meals\/uryqru1511798039.jpg","idMeal":"52917"}]}

fetchingDessertImage(URL: "https://themealdb.com/api/json/v1/1/filter.php?c=Dessert"){result **in**

print(result)

}

**if** **let** url = URL(string: "https://themealdb.com/api/json/v1/1/filter.php?c=Dessert") {

URLSession.shared.dataTask(with: url) { data, response, error **in**

**if** **let** data = data {

**if** **let** jsonString = String(data: data, encoding: .utf8) {

**let** data = Data(jsonString.utf8)

**do** {

// make sure this JSON is in the format we expect

**if** **let** dictionary = **try** JSONSerialization.jsonObject(with: data, options: []) **as**? [String: **Any**] {

print("Dictionary format: \(dictionary)")

}

} **catch** **let** error **as** NSError {

print("Failed to load: \(error.localizedDescription)")

}

}

}

}.resume()

}

**func** fetchingDessertImage(URL Url: String, completion: **@escaping** ([Dessert]) -> Void){

**let** url = URL(string: Url)

**let** session = URLSession.shared

**let** dataTask = session.dataTask(with: url!){data, response, error **in**

**do**{

**let** fetchingData = **try** JSONDecoder().decode([Dessert].**self**, from: data!)

completion(fetchingData)

}**catch**{

print("Parsing Error")

}

}

dataTask.resume()

}

Past ViewController

**import** UIKit

**class** ViewController: UIViewController, UICollectionViewDelegate, UICollectionViewDataSource {

**@IBOutlet** **weak** **var** collectionView: UICollectionView!

**private** **var** meals: [Meal] = []

**override** **func** viewDidLoad() {

**super**.viewDidLoad()

// Register the custom collection view cell

collectionView.register(UINib(nibName: "MealCollectionViewCell", bundle: **nil**), forCellWithReuseIdentifier: "MealCell")

// Set the collection view delegate and data source

collectionView.delegate = **self**

collectionView.dataSource = **self**

// Fetch the meal data from the API

fetchMealData()

}

// Function to fetch meal data from the API

**private** **func** fetchMealData() {

**guard** **let** url = URL(string: "https://themealdb.com/api/json/v1/1/filter.php?c=Dessert") **else** {

print("Invalid URL")

**return**

}

URLSession.shared.dataTask(with: url) { [**weak** **self**] (data, \_, error) **in**

**if** **let** error = error {

print("Error fetching data: \(error.localizedDescription)")

**return**

}

**guard** **let** data = data **else** {

print("Empty data received from API.")

**return**

}

**do** {

**let** decoder = JSONDecoder()

**let** response = **try** decoder.decode(MealsResponse.**self**, from: data)

**self**?.meals = response.meals

DispatchQueue.main.async {

**self**?.collectionView.reloadData()

}

} **catch** {

print("Error decoding data: \(error.localizedDescription)")

}

}.resume()

}

// UICollectionViewDataSource methods

**func** collectionView(\_ collectionView: UICollectionView, numberOfItemsInSection section: Int) -> Int {

**return** meals.count

}

**func** collectionView(\_ collectionView: UICollectionView, cellForItemAt indexPath: IndexPath) -> UICollectionViewCell {

**let** cell = collectionView.dequeueReusableCell(withReuseIdentifier: "MealCell", for: indexPath) **as**! MealCollectionViewCell

**let** meal = meals[indexPath.item]

cell.configure(with: meal)

**return** cell

}

}