

Lisalab Assessment 2

Given the following API docs:

Addition

```
POST http://13.244.243.129/calculator/add
{
  "number_one": 23.7,
  "number_two": 172
}
```

Response:

```
{
  "result": 195.7
}
```

Subtraction

```
POST http://13.244.243.129/calculator/subtract
{
  "number_one": 17427,
  "number_two": 9473
}
```

Response:

```
{
  "result": 7954
}
```

Multiplication

```
POST http://13.244.243.129/calculator/multiply
{
  "number_one": 120.5,
  "number_two": 81
}
```

Response:

```
{  
  "result": 9760.5  
}
```

Division

```
POST http://13.244.243.129/calculator/divide  
{  
  "number_one": 435,  
  "number_two": 42  
}
```

Response:

```
{  
  "result": 10.357142857142858  
}
```

Create a calculator app that is capable of the above functions. Instead of performing the calculations locally you will make calls to the above endpoints to get the results. These are the dependencies you will need to add to your project:

```
implementation 'com.squareup.retrofit2:retrofit:2.9.0'  
implementation 'com.squareup.retrofit2:converter-gson:2.9.0'
```

Your ApiClient will look like this:

```
object ApiClient {  
    var retrofit = Retrofit.Builder()  
        .baseUrl("<your base url goes here>")  
        .addConverterFactory(GsonConverterFactory.create())  
        .build()  
  
    fun <T> buildApiClient(apiInterface: Class<T>) : T {  
        return retrofit.create(apiInterface)  
    }  
}
```