

Sending Contents from Remote Server

API to Receive and Insert Data

setdata.php

```
<?php
    echo '{"message':'Data Received Successfully'}';
?>
```

Send data from APP

myactivity.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        android:hint="Enter Name"
        android:id="@+id/edtName"
    />

    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        android:hint="Enter Address"
        android:id="@+id/edtAddress"
    />

    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="50dp"
        android:text="Send Data"
        android:id="@+id/btnSend"
    />

</LinearLayout>
```

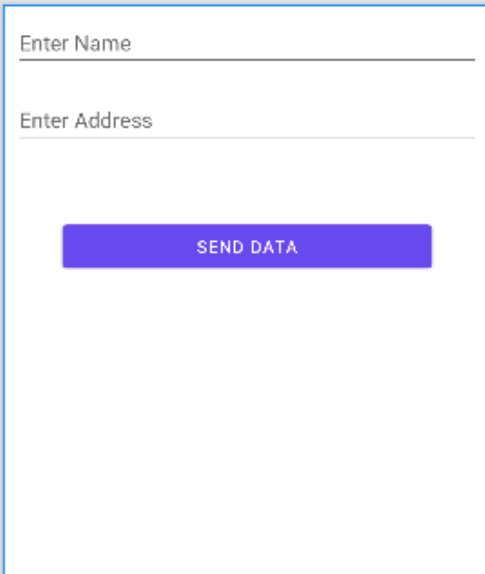
MyActivity.java

```
public class MyActivity extends Activity {
    Button btnSend;
    EditText edtName, edtAddress;
    @Override
    protected void onCreate(Bundle b) {
        super.onCreate(b);
        setContentView(R.layout.myactivity);
        btnSend=findViewById(R.id.btnSend);
        edtName=findViewById(R.id.edtName);
        edtAddress=findViewById(R.id.edtAddress);

        btnSend.setOnClickListener(view->{
            volleyRequest();
        });
    }

    public void volleyRequest() {
        // Instantiate the RequestQueue.
        RequestQueue queue = Volley.newRequestQueue(this);
        //url for localhost
        String url = http://10.0.2.2/bcaapi/setdata.php?name=
                    +name+"&&address="+address;
        // Request a string response from the provided URL.
        StringRequest stringRequest = new
StringRequest(Request.Method.GET, url,
                new Response.Listener<String>() {
                    @Override
                    public void onResponse(String response) {
                        //response here
                        Toast.makeText(MyActivity.this, response,
Toast.LENGTH_SHORT).show();
                    }
                }, new Response.ErrorListener() {
                    @Override
                    public void onErrorResponse(VolleyError error) {
                        //displaying error response message
                        Log.d("exception",error.toString());
                    }
                })
        );
        // Add the request to the RequestQueue.
        queue.add(stringRequest);
    }
}
```

Output



Enter Name

Enter Address

SEND DATA

The image shows a web form with a light gray border. It contains two text input fields. The first field is labeled 'Enter Name' and the second is labeled 'Enter Address'. Below these fields is a blue button with the text 'SEND DATA' in white capital letters.