implementation 'com.akexorcist:bluetoothspp:1.0.0'

위에꺼 app 단위 gradle dependencies에 추가하기

private BluetoothSPP bt;

mainactivity.java 상단에 추가하고

bt = new BluetoothSPP(this); //Initializing  
  
if (!bt.isBluetoothAvailable()) { //블루투스 사용 불가  
 Toast.*makeText*(getApplicationContext()  
 , "Bluetooth is not available"  
 , Toast.*LENGTH\_SHORT*).show();  
 finish();  
}  
  
bt.setOnDataReceivedListener(new BluetoothSPP.OnDataReceivedListener() { //데이터 수신  
 public void onDataReceived(byte[] data, String message) {  
 Toast.*makeText*(MainActivity.this, message, Toast.*LENGTH\_SHORT*).show();  
 }  
});  
  
bt.setBluetoothConnectionListener(new BluetoothSPP.BluetoothConnectionListener() { //연결됐을 때  
 public void onDeviceConnected(String name, String address) {  
 Toast.*makeText*(getApplicationContext()  
 , "Connected to " + name + "\n" + address  
 , Toast.*LENGTH\_SHORT*).show();  
 }  
  
 public void onDeviceDisconnected() { //연결해제  
 Toast.*makeText*(getApplicationContext()  
 , "Connection lost", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 public void onDeviceConnectionFailed() { //연결실패  
 Toast.*makeText*(getApplicationContext()  
 , "Unable to connect", Toast.*LENGTH\_SHORT*).show();  
 }  
});  
  
Button btnConnect = findViewById(R.id.*btnConnect*); //연결시도  
btnConnect.setOnClickListener(new View.OnClickListener() {  
 public void onClick(View v) {  
 if (bt.getServiceState() == BluetoothState.*STATE\_CONNECTED*) {  
 bt.disconnect();  
 } else {  
 Intent intent = new Intent(getApplicationContext(), DeviceList.class);  
 startActivityForResult(intent, BluetoothState.*REQUEST\_CONNECT\_DEVICE*);  
 }  
 }  
});

oncreate에 코드 추가

컨트롤 + o를 눌러 onDestroy를 찾아 하단에

bt.stopService(); //블루투스 중지

로 블루투스 서비스 중지해주기

Onstart 함수에도

if (!bt.isBluetoothEnabled()) { //  
 Intent intent = new Intent(BluetoothAdapter.*ACTION\_REQUEST\_ENABLE*);  
 startActivityForResult(intent, BluetoothState.*REQUEST\_ENABLE\_BT*);  
} else {  
 if (!bt.isServiceAvailable()) {  
 bt.setupService();  
 bt.startService(BluetoothState.*DEVICE\_OTHER*); //DEVICE\_ANDROID는 안드로이드 기기 끼리  
 setup();  
 }  
}

추가해주기

public void setup() {  
 Button btnSend = findViewById(R.id.*btnSend*); //데이터 전송  
 btnSend.setOnClickListener(new View.OnClickListener() {  
 public void onClick(View v) {  
 bt.send("Text", true);  
 }  
 });  
}

public void onActivityResult(int requestCode, int resultCode, Intent data) {  
 if (requestCode == BluetoothState.*REQUEST\_CONNECT\_DEVICE*) {  
 if (resultCode == Activity.*RESULT\_OK*)  
 bt.connect(data);  
 } else if (requestCode == BluetoothState.*REQUEST\_ENABLE\_BT*) {  
 if (resultCode == Activity.*RESULT\_OK*) {  
 bt.setupService();  
 bt.startService(BluetoothState.*DEVICE\_OTHER*);  
 setup();  
 } else {  
 Toast.*makeText*(getApplicationContext()  
 , "Bluetooth was not enabled."  
 , Toast.*LENGTH\_SHORT*).show();  
 finish();  
 }  
 }  
}

mainactivity 하단에 다음 함수도 다 추가하기