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package com.example.lab8;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ActivityCompat;
import androidx.core.content.ContextCompat;

import android.Manifest;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.net.Uri;
import android.os.Bundle;
import android.provider.ContactsContract;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    private static final int REQUEST_CALL = 1;
    Button btn;
    EditText edt;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        edt=(EditText) findViewById(R.id.editText);
    }

    public void add(View view) {
        switch(view.getId()){
            case R.id.btn0: edt.append("0"); break;
            case R.id.btn1: edt.append("1"); break;
            case R.id.btn2: edt.append("2"); break;
            case R.id.btn3: edt.append("3"); break;
            case R.id.btn4: edt.append("4"); break;
            case R.id.btn5: edt.append("5"); break;
            case R.id.btn6: edt.append("6"); break;
            case R.id.btn7: edt.append("7"); break;
            case R.id.btn8: edt.append("8"); break;
            case R.id.btn9: edt.append("9"); break;
            case R.id.btnStar: edt.append("*"); break;
            case R.id.btnHash: edt.append("#"); break;
            case R.id.btnDel:
                String txt=edt.getText().toString();
                if(txt.length()<2){
                    edt.setText("");
                    break;
                }
            }
    }
}

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        }
        edt.setText(txt.substring(0,txt.length()-1)); break;
    }
}

public void dial(View view) {
    String txt=edt.getText().toString();
    if(txt.length()==10){
        if(ContextCompat.checkSelfPermission(MainActivity.this,
Manifest.permission.CALL_PHONE)!=
PackageManager.PERMISSION_GRANTED){
            ActivityCompat.requestPermissions(MainActivity.this,new String[]
{Manifest.permission.CALL_PHONE},REQUEST_CALL);
        }
        Intent callIntent = new Intent(Intent.ACTION_CALL,Uri.parse("tel:"+txt));
        startActivity(callIntent);
    }
    else{
        Toast.makeText(MainActivity.this, "Invalid Phone Number",
Toast.LENGTH_LONG).show();
    }
}

@Override
public void onRequestPermissionsResult(int requestCode, @NonNull String[]
permissions, @NonNull int[] grantResults) {
    super.onRequestPermissionsResult(requestCode, permissions, grantResults);
}

public void save(View view) {
    String txt=edt.getText().toString();
    Intent it = new Intent(Intent.ACTION_INSERT,
ContactsContract.Contacts.CONTENT_URI);
    it.putExtra(ContactsContract.Intents.Insert.PHONE,txt);
    startActivity(it);
}
}

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