

**Correction TP10****Matière : ATELIER DEVELOPPEMENT MOBILE****Classes : SEM21****AppelTel****AndroidManifest.xml**

&lt;uses-permission android:name="android.permission.CALL\_PHONE" /&gt;

**MainActivity**

```
package com.appelet;
//imports
public class MainActivity extends AppCompatActivity {
    private EditText edNumero;
    private Button btnAppeler;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        init();
    }
    private void init() {
        edNumero = (EditText) findViewById(R.id.edNumero);
        btnAppeler = (Button) findViewById(R.id.btnAppeler);
        ajouterEcouteur();
    }
    private void ajouterEcouteur() {
        btnAppeler.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                appeler();
            }
        });
    }
    @Override
    public void onRequestPermissionsResult(int requestCode, String[] permissions, int[] grantResults) {
        if (requestCode == 101) {
            if (grantResults[0] == PackageManager.PERMISSION_GRANTED) {
                appeler();
            }
        }
    }
    protected void appeler() {
        String numero = edNumero.getText().toString();
        if (!numero.isEmpty()) {
            Intent i = new Intent(Intent.ACTION_CALL);
            i.setData(Uri.parse("tel:" + numero));
            if (ActivityCompat.checkSelfPermission(this, Manifest.permission.CALL_PHONE) != PackageManager.PERMISSION_GRANTED) {
                ActivityCompat.requestPermissions(MainActivity.this, new String[]{Manifest.permission.CALL_PHONE}, 101);
                return;
            }
            startActivity(i);
        }
    }
}
```

# EnvoiSMS

## AndroidManifest.xml

```
<uses-permission android:name="android.permission.SEND_SMS" />
```

## MainActivity

```
package com.envoi;  
  
//imports  
  
public class MainActivity extends Activity {  
    private EditText edNumero;  
    private EditText edCorps;  
    private Button btnEnvoyer;  
  
    @Override  
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_main);  
        init();  
    }  
    private void init() {  
        ActivityCompat.requestPermissions(MainActivity.this, new String[]{Manifest.permission.SEND_SMS,  
        Manifest.permission.READ_PHONE_STATE }, 101);  
  
        edNumero=(EditText) findViewById(R.id.edNumero);  
        edCorps=(EditText) findViewById(R.id.edCorps);  
        btnEnvoyer=(Button) findViewById(R.id.btnEnvoyer);  
        ajouterEcouteur();  
    }  
    private void ajouterEcouteur() {  
        btnEnvoyer.setOnClickListener(new OnClickListener() {  
            @Override  
            public void onClick(View v) {  
                envoyer();  
            }  
        });  
    }  
    protected void envoyer() {  
        String numero = edNumero.getText().toString();  
        String corps = edCorps.getText().toString();  
        if(numero.length()>= 4 && corps.length() > 0){  
            SmsManager.getDefault().sendTextMessage(numero, null, corps, null, null);  
            edNumero.setText("");  
            edCorps.setText("");  
            edNumero.requestFocus();  
        }else{  
            Toast.makeText(this, "Enter le numéro et/ou le corps SVP!",  
                        Toast.LENGTH_SHORT).show();  
        }  
    }  
}
```