	ISET SFAX	**DEPARTEMENT TECHNOLOGIE**	
	AU 2023/2024 S2	**DE L'INFORMATIQUE**	

Correction TP03	
Matière : ATELIER DEVELOPPEMENT MOBILE1	**Classes : SEM21**

Pays

```java
package com.pays;

//imports

public class MainActivity extends Activity {
  private EditText edPays;
  private Button btnAjouter;
  private Button btnVider;
  private ListView lstPays;
  private ArrayAdapter<String> adpPays;

  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    init();
  }
  private void init() {
    edPays = (EditText) findViewById(R.id.edPays);
    btnAjouter = (Button) findViewById(R.id.btnAjouter);
    btnVider = (Button) findViewById(R.id.btnVider);
    lstPays = (ListView) findViewById(R.id.lstPays);
    lier();
    ajouterEcouteur();
  }
  private void lier() {
    adpPays = new ArrayAdapter<String>(this, android.R.layout.simple_list_item_1);
    lstPays.setAdapter(adpPays);
  }
  private void ajouterEcouteur() {
    btnAjouter.setOnClickListener(new OnClickListener() {
      @Override
      public void onClick(View arg0) {
        ajouter();
      }
    });
    btnVider.setOnClickListener(new OnClickListener() {
      @Override
      public void onClick(View arg0) {
        vider();
      }
    });
```

```java
    lstPays.setOnItemClickListener(new OnItemClickListener() {

      @Override
      public void onItemClick(AdapterView<?> arg0, View arg1, int arg2, long arg3) {
        afficher(arg2);
      }
    });
  }

  private void ajouter() {
    String pays = edPays.getText().toString();
    adpPays.add(pays);
    edPays.setText("");
  }

  protected void vider() {
    adpPays.clear();
  }
  protected void afficher(int indice) {
    String pays = adpPays.getItem(indice);
    Toast.makeText(getApplicationContext(), pays, Toast.LENGTH_LONG).show();

  }
}
```

TestCovid19

```java
private void init() {
    spT = findViewById(R.id.spT);
    edCIN = findViewById(R.id.edCIN);
    edAge = findViewById(R.id.edAge);
    chIF = findViewById(R.id.chIF);
    chMC = findViewById(R.id.chMC);
    rdgR = findViewById(R.id.rdgR);
    rdN = findViewById(R.id.rdN);
    btnA = findViewById(R.id.btnA);
    btnE = findViewById(R.id.btnE);
    btnV = findViewById(R.id.btnV);
    lstT = findViewById(R.id.lstT);
    adpT = new ArrayAdapter<TestCovid19>(this, android.R.layout.simple_list_item_1);
    lstT.setAdapter(adpT);
    effacer();
    ajouterEcouteurs();
}

private void ajouterEcouteurs() {
    btnA.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            ajouter();
        }
    });
    btnE.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            effacer();
        }
    });
    btnV.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            vider();
        }
    });
    lstT.setOnItemClickListener(new AdapterView.OnItemClickListener() {
        @Override
        public void onItemClick(AdapterView<?> parent, View view, int position, long id) {
            afficher(position);
        }
    });
}

private void ajouter() {
    String cin = edCIN.getText().toString();
    String sAge = edAge.getText().toString();
    if (!cin.isEmpty() && !sAge.isEmpty()) {
        int t = spT.getSelectedItemPosition();
        int age = Integer.parseInt(sAge);
        String res = "";
        switch (rdgR.getCheckedRadioButtonId()) {
            case R.id.rdN:
```

```java
                    res = "Covid19-";
                    break;
                case R.id.rdP:
                    res = "Covid19+";
                    break;
            }
            TestCovid19 a = new TestCovid19(t, cin, age, chIF.isChecked(), chMC.isChecked(), res);
            adpT.add(a);
            effacer();
        } else {
            Toast.makeText(this, "Remplir tous les champs SVP!", Toast.LENGTH_LONG).show();
        }

    }
    private void effacer() {
        spT.setSelection(0);
        edCIN.setText("");
        edAge.setText("");
        chIF.setChecked(false);
        chMC.setChecked(false);
        rdN.setChecked(true);
        edCIN.requestFocus();
    }
    private void vider() {
        AlertDialog.Builder b = new AlertDialog.Builder(this);
        b.setTitle("Vider?");
        b.setMessage("Etes vous sûr de vider la liste?");
        b.setPositiveButton("Oui", new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface arg0, int arg1) {
                adpT.clear();
            }
        });
        b.setNegativeButton("Non", new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialog, int which) {

            }
        });
        AlertDialog alertDialog = b.create();
        alertDialog.show();
    }
    private void afficher(int position) {
        TestCovid19 t = adpT.getItem(position);
        String m = "";
        m = "CIN Suspect : " + t.getCin() + "\n"  + "Résultat : " + t.getRes() + "\n" +
"Interprétation : " + t.getInterpretation();
        Toast.makeText(this, m, Toast.LENGTH_LONG).show();
    }
```