

**Correction TP13****Matière : ATELIER DEVELOPPEMENT MOBILE****Classes : SEM21****Exercice****MainActivity**

```
private void ajouterEcouteur() {
    btnEn.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) { enregistrer(); }
    });
    btnAff.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) { afficher(); }
    });
}

private void recuperer() {
    SharedPreferences p = getSharedPreferences("radio", Context.MODE_PRIVATE);
    edF.setText(p.getString("frequence", ""));
    spT.setSelection(p.getInt("type", 0));
    seekV.setProgress(p.getInt("volume", 0));
    if (p.getBoolean("stockage", true))
        rdgSt.check(R.id.rdB);
    else
        rdgSt.check(R.id.rdC);
}

private void enregistrer() {
    SharedPreferences p = getSharedPreferences("radio", Context.MODE_PRIVATE);
    SharedPreferences.Editor ed = p.edit();
    ed.putString("frequence", edF.getText().toString());
    ed.putInt("type", spT.getSelectedItemPosition());
    ed.putInt("volume", seekV.getProgress());
    switch (rdgSt.getCheckedRadioButtonId()) {
        case R.id.rdB: ed.putBoolean("stockage", true); break;
        case R.id.rdC: ed.putBoolean("stockage", false); break;
    }
    ed.commit();
}

private void afficher() {
    String message = "";
    message += "Fréquence: " + edF.getText().toString() + "\n";
    message += "Type: " + spT.getSelectedItem() + "\n";
    message += "Volume: " + seekV.getProgress() + "\n";
    message += "Stockage: ";
    switch (rdgSt.getCheckedRadioButtonId()) {
        case R.id.rdB: message += "Appareil\n"; break;
        case R.id.rdC: message += "Carte SD\n"; break;
    }
    Toast.makeText(this, message, Toast.LENGTH_LONG).show();
}
```

Problème

MainActivity

```
private void ajouterEcouteurs() {
    btnA.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            ajouter();
        }
    });
    btnST.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            supprimerTout();
        }
    });
    lstP.setOnItemClickListener(new AdapterView.OnItemClickListener() {
        @Override
        public void onItemClick(AdapterView<?> parent, View view, int position, long id) {
            detailler(position);
        }
    });
}

private void ajouter() {
    Intent i = new Intent(this,Ajout.class);
    startActivityForResult(i,ACTION_AJOUT);
}

private void supprimerTout() {
    AlertDialog.Builder ab = new AlertDialog.Builder(MainActivity.this);
    ab.setTitle("Supprimer tout!");
    ab.setMessage("Etes-vous sûr de vouloir supprimer tous les pays?");
    ab.setPositiveButton("Oui", new DialogInterface.OnClickListener() {
        public void onClick(DialogInterface dialog, int id) {
            adpP.clear();
        }
    });
    ab.setNegativeButton("Non", new DialogInterface.OnClickListener() {
        public void onClick(DialogInterface dialog, int id) {
            dialog.cancel();
        }
    });
    AlertDialog a = ab.create();
    a.show();
}

private void detailler(int position) {
    Intent i = new Intent(this,Detail.class);
    Pays p = adpP.getItem(position);
    i.putExtra("nom",p.getNom());
    i.putExtra("capitale",p.getCapitale());
    i.putExtra("nbVille",p.getNbVille());
    startActivityForResult(i);
}
```

```

@Override
protected void onActivityResult(int requestCode, int resultCode, Intent data) {
    if(requestCode==ACTION_AJOUT && resultCode==RESULT_OK){
        String nom = data.getStringExtra("nom");
        String capitale = data.getStringExtra("capitale");
        int nbVille = data.getIntExtra("nbVille",0);
        Pays v = new Pays(nom,capitale,nbVille);
        adpP.add(v);
    }
    super.onActivityResult(requestCode, resultCode, data);
}

```

Ajout

```

private void ajouterEcouteur() {
    btnV.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            valider();
        }
    });
    btnA.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            annuler();
        }
    });
}

private void valider() {
    String nom= edN.getText().toString();
    String capitale= edC.getText().toString();
    String nbVille= edNb.getText().toString();
    if(!nom.isEmpty()&&!capitale.isEmpty()&&!nbVille.isEmpty()) {
        Intent i = new Intent();
        i.putExtra("nom",nom);
        i.putExtra("capitale",capitale);
        i.putExtra("nbVille",Integer.parseInt(nbVille));
        setResult(RESULT_OK, i);
        finish();
    }else{
        Toast.makeText(this,"Remplir tous les champs SVP!",Toast.LENGTH_LONG).show();
    }
}

private void annuler() {
    setResult(RESULT_CANCELED);
    finish();
}

```

Detail

```

private void afficherDetail() {
    String nom = getIntent().getStringExtra("nom");
    String capitale = getIntent().getStringExtra("capitale");
    int nbVille = getIntent().getIntExtra("nbVille",0);
    String message="";
    message+="Nom du pays : "+nom+"\n";
    message+="Capitale : "+capitale+"\n";
    message+="NbVille : "+nbVille;
    tvD.setText(message);
}

```