

## CORRECTION TD07

Classe : SEM21

Matière : Développement d'Applications Mobiles Natives

Nb pages : 3

**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("vocal", Context.MODE_PRIVATE);
    if (p.getBoolean("emplacement", true))
        rdgEmp.check(R.id.rdApp);
    else
        rdgEmp.check(R.id.rdCar);
    spQ.setSelection(p.getInt("qualite", 0));
    edPr.setText(p.getString("prefixe", ""));
}
private void enregistrer() {
    SharedPreferences p = getSharedPreferences("vocal", Context.MODE_PRIVATE);
    SharedPreferences.Editor ed = p.edit();
    switch (rdgEmp.getCheckedRadioButtonId()) {
        case R.id.rdApp:
            ed.putBoolean("emplacement", true);
            break;
        case R.id.rdCar:
            ed.putBoolean("emplacement", false);
            break;
    }
    ed.putInt("qualite", spQ.getSelectedItemPosition());
    ed.putString("prefixe", edPr.getText().toString());
    ed.commit();
}
private void afficher() {
    String message = "Emplacement: ";
    switch (rdgEmp.getCheckedRadioButtonId()) {
        case R.id.rdApp:
            message += "Appareil\n";
            break;
        case R.id.rdCar:
            message += "Carte SD\n";
            break;
    }
    message += "Qualité: " + spQ.getSelectedItem() + "\n";
    message += "Préfixe: " + edPr.getText().toString();
    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();
        }
    });
    lstPrj.setOnItemClickListener(new AdapterView.OnItemClickListener() {
        @Override
        public void onItemClick(AdapterView<?> parent, View view, int position,
            long id) {
            detaillier(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 projets?");
    ab.setPositiveButton("Oui", new DialogInterface.OnClickListener() {
        public void onClick(DialogInterface dialog, int id) {
            adpPrj.clear();
        }
    });
    ab.setNegativeButton("Non", new DialogInterface.OnClickListener() {
        public void onClick(DialogInterface dialog, int id) {
            dialog.cancel();
        }
    });
    AlertDialog a = ab.create();
    a.show();
}

private void detaillier(int position) {
    Intent i = new Intent(this,Detail.class);
    Projet p = adpPrj.getItem(position);
    i.putExtra("nom",p.getNom());
    i.putExtra("lieu",p.getLieu());
    i.putExtra("budget",p.getBudget());
    startActivity(i);
}

@Override
protected void onActivityResult(int requestCode, int resultCode, Intent data) {
    if(requestCode==ACTION_AJOUT && resultCode==RESULT_OK){
        String nom = data.getStringExtra("nom");
        String lieu = data.getStringExtra("lieu");
        int budget = data.getIntExtra("budget",0);
        Projet p = new Projet(nom,lieu,budget);
        adpPrj.add(p);
    }
    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 lieu= edL.getText().toString();
    String budget= edB.getText().toString();
    if(!nom.isEmpty()&&!lieu.isEmpty()&&!budget.isEmpty()) {
        Intent i = new Intent();
        i.putExtra("nom",nom);
        i.putExtra("lieu",lieu);
        i.putExtra("budget",Integer.parseInt(budget));
        setResult(RESULT_OK, i);
        finish();
    }else{
        Toast.makeText(this,"Remplir tous les chapms
        SVP!",Toast.LENGTH_LONG).show();
    }
}

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

```

### Detail

```

private void afficherDetail() {
    String nom = getIntent().getStringExtra("nom");
    String lieu = getIntent().getStringExtra("lieu");
    int budget = getIntent().getIntExtra("budget",0);

    String message="";
    message+="Nom du projet : "+nom+"\n";
    message+="Lieu : "+lieu+"\n";
    message+="Budget : "+budget+"DT";

    tvD.setText(message);
}

```