

Correction TP06

Matière : ATELIER DEVELOPPEMENT MOBILE 1

Classes : SEM21

Exercice 1

```
package ex1;
public class MainActivity extends AppCompatActivity {
    private Button btnComposer;
    private Button btnPageYoutube;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        init();
    }

    private void init() {
        btnComposer=findViewById(R.id.btnComposer);
        btnPageYoutube=findViewById(R.id.btnPageYoutube);
        ajouterEcouteurs();
    }

    private void ajouterEcouteurs() {
        btnComposer.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                composerNumeroTel();
            }
        });
        btnPageYoutube.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                afficherPageYoutube();
            }
        });
    }

    private void composerNumeroTel() {
        Uri tel = Uri.parse("tel:216444555");
        Intent i = new Intent(Intent.ACTION_DIAL, tel);
        startActivity(i);
    }

    private void afficherPageYoutube() {
        String url = "https://www.youtube.com/watch?v=4AG-h-zoY4g";
        Intent i = new Intent(Intent.ACTION_VIEW);
        i.setData(Uri.parse(url));
        startActivity(i);
    }
}
```

Exercise 2

```
package com.ex2;
public class MainActivity extends Activity {
    private EditText edTexte;
    private Button btnPasser1;
    private Button btnPasser2;
    private CheckBox check;
    private SeekBar seek;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        init();
    }
    private void init() {
        edTexte = findViewById(R.id.edTexte);
        btnPasser1 = findViewById(R.id.btnPasser1);
        btnPasser2 = findViewById(R.id.btnPasser2);
        check = findViewById(R.id.check);
        seek = findViewById(R.id.seek);
        ajouterEcouteur();
    }
    private void ajouterEcouteur() {
        btnPasser1.setOnClickListener(new OnClickListener() {
            @Override
            public void onClick(View v) {
                passer1();
            }
        });
        btnPasser2.setOnClickListener(new OnClickListener() {
            @Override
            public void onClick(View v) {
                passer2();
            }
        });
    }
    protected void passer1() {
        //Appel implicite du Bundle
        Intent i = new Intent(this, App1.class);
        i.putExtra("nomprénom", edTexte.getText().toString());
        i.putExtra("motorisé", check.isChecked());
        i.putExtra("age", seek.getProgress());
        startActivity(i);
    }
    protected void passer2() {
        //Appel explicite du Bundle
        Intent i = new Intent(this, App2.class);
        Bundle b = new Bundle();
        b.putString("np", edTexte.getText().toString());
        b.putBoolean("motorisé", check.isChecked());
        b.putInt("age", seek.getProgress());
        i.putExtras(b);
        startActivity(i);
    }
}
```

```

package com.ex1;
public class App1 extends Activity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.app1);
        init();
    }
    private void init() {
        recupererParam();
    }
    private void recupererParam() {
        Intent i = getIntent();
        String np = i.getStringExtra("nomprénom");
        Boolean motorise = i.getBooleanExtra("motorisé", false);
        int age = i.getIntExtra("age", 0);
        String message = "Votre nom est: " + np + "\n";
        message += "Etes-vous motorisés: " + motorise + "\n";
        message += "Votre age est: " + age + "\n";
        Toast t = Toast.makeText(this, message, Toast.LENGTH_LONG);
        t.show();
    }
}

package com.ex1;
public class App2 extends Activity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.app2);
        init();
    }
    private void init() {
        recupererParam();
    }
    private void recupererParam() {
        Intent i = getIntent();
        Bundle bundle = i.getExtras();
        String np = bundle.getString("nomprénom");
        Boolean motorise = bundle.getBoolean("motorisé");
        int age = bundle.getInt("age");
        String message = "Votre nom est: " + np + "\n";
        message += "Etes-vous motorisés: " + motorise + "\n";
        message += "Votre age est: " + age + "\n";
        Toast t = Toast.makeText(this, message, Toast.LENGTH_LONG);
        t.show();
    }
}

```