

CORRECTION ATELIER5 PARTIE2*Classes : DSI3**Matière : Arelia Développement Mobile Natif**Nb pages : 2**Enseignants : S. Hadhri & M. Hadji & H. Souissi***Problème**

```
private void init() {
    edM = findViewById(R.id.edM);
    lstS = findViewById(R.id.lstS);
    adpS = new ArrayAdapter<Smartphone>(this, android.R.layout.simple_list_item_1);
    lstS.setAdapter(adpS);
    effacer();
    ajouterEcouteurs();
}

private void ajouterEcouteurs() {
    btnC.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            classifier();
        }
    });
    lstS.setOnItemClickListener(new AdapterView.OnItemClickListener() {
        @Override
        public void onItemClick(AdapterView<?> parent, View view, int position, long id) {
            afficher(position);
        }
    });
}

private void classifier() {
    String sPrix = edP.getText().toString();
    if (!sPrix.isEmpty()) {
        int prix = Integer.parseInt(sPrix);
        String message = "Classe :";
        if (prix < 500)
            message += "Entrée de gamme";
        else if (prix < 1000)
            message += "Milieu de gamme";
        else
            message += "Haut de gamme";
        Toast.makeText(this, message, Toast.LENGTH_SHORT).show();
    } else
        Toast.makeText(this, "Remplir le prix SVP!", Toast.LENGTH_SHORT).show();
}
```

```

private void ajouter() {
    String m = edM.getText().toString();
    String sPrix = edP.getText().toString();
    if (!m.isEmpty() && !sPrix.isEmpty()) {
        int prix = Integer.parseInt(sPrix);
        String p = (String) spP.getSelectedItem();
        int nbC = seekNbC.getProgress();
        boolean noir = true;
        switch (rdgC.getCheckedRadioButtonId()) {
            case R.id.rdN:
                noir = true;
                break;
            case R.id.rdB:
                noir = false;
                break;
        }
        boolean ect = chE.isChecked();
        boolean cag = chC.isChecked();
        Smartphone smart = new Smartphone(m, prix, p, nbC, noir, ect, cag);
        adpS.add(smart);
        effacer();
    } else {
        Toast.makeText(this, "Remplir tous les champs SVP!", Toast.LENGTH_LONG).show();
    }
}

private void effacer() {
    edM.setText("");
    edP.setText("");
    spP.setSelection(0);
    seekNbC.setProgress(1);
    rdN.setChecked(true);
    chE.setChecked(false);
    chC.setChecked(true);
    edM.requestFocus();
}

private void quitter() {
    finish();
}

private void afficher(int position) {
    Smartphone s = adpS.getItem(position);
    String m = "";
    m = "Marque: " + s.getMarque() + "\n"
        + "Prix total: " + s.getPrix() + "DT\n"
        + "Processeur: " + s.getProcesseur();
    Toast.makeText(this, m, Toast.LENGTH_LONG).show();
}

```