Week 5

5.1 Learn the basic of sharedpreference from Youtube video

5.2 Create a highscore app (Try yourself)

    5.2.1 One EditText

    5.2.2 One Button

    5.2.3 Input a new score in EditText and then click a button, Toast will show a new score as "high score = xxxx" if it is higher than the current score in the sharedpreference. Otherwise, Toast will show "No new score".

เฉลย **5.1**

```java
public class MainActivity extends AppCompatActivity {

    Button btn;
    EditText edt;

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

        btn = (Button)findViewById(R.id.button);
        edt = (EditText)findViewById(R.id.editText);

        final Context context = getApplicationContext();

        final SharedPreferences sh = getSharedPreferences("myShared", context.MODE_PRIVATE);
        final SharedPreferences.Editor editor = sh.edit();
        editor.putInt("highScore",0);
        editor.commit();

        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                int inputScore = Integer.parseInt(edt.getText().toString());
                int currentScore = sh.getInt("highScore",-1);

                if(inputScore > currentScore){
                    Toast t = Toast.makeText(context,"High score = "+inputScore,Toast.LENGTH_LONG);
                    t.show();
                    editor.putInt("highScore",inputScore);
                    editor.commit();
                }
                else
                {
                    Toast t = Toast.makeText(context,"No new score",Toast.LENGTH_LONG);
                    t.show();
                }
            }
        });
    }
```

}