Filters and Receivers

Homework

Implement a program that has two components: CheckBox and ListView:

- When the box is checked the phone does not receive messages on its normal message handler.
- Message content should be displayed in the ListView as soon as it arrives.
- Help: Code to extract message body form incoming intent:

```java
if (intent.getAction().equals(SMS_RECEIVED)) {
    Bundle bundle = intent.getExtras();
    if (bundle != null) {
        Object[] pdus = (Object[]) bundle.get("pdus");
        final SmsMessage[] messages = new SmsMessage[pdus.length];
        for (int i = 0; i < pdus.length; i++) {
            messages[i] = SmsMessage.createFromPdu((byte[]) pdus[i]);
        }
        if (messages.length > -1) {
            String messageBody = messages[0].getMessageBody();
        }
    }
}
```