Dividing Work (sections):

1. acceptNewThread – listens for incoming connections from other devices, runs until a connection is accepted.

* Constructor: creates a Rfcomm service record
  + Assign mAdapter.listenUsingInsecureRfcommWithServiceRecord to a Bluetooth server socket
* While running function:
  + While state != SCONNECTED :
    - Attempt to accept socket
    - If a socket/conection was successfully accepted:
      * If state = SCONNECTING
        + Run temp1 function (not made yet)
      * If state = SCONNECTED
        + Destroy socket

1. alreadyConnectedThread – Thread that runs when already connected to a device

* Constructor: takes a BluetoothSocket and a string designating socket type as arguments, initialize input and output streams
* While running function:
  + While true:
    - Read input stream
    - aHandle.obtainMessage (send message to Activity)
* write function (Write message to outstream) – takes a byte[] buffer as an argument.
  + Write the buffer to outstream
  + aHandle.obtainMessage

1. newConnectionThread – attempts to make an connection to another device by sending a request.

* Constructor: takes a bluetoothDevice as an argument
  + BluetoothSocket = BluetoothDevice..createInsecureRfcommSocketToServiceRecord
* Run function:
  + Attempt to connect to the socket
  + Start temp1 function(not made yet)

1. Wifi functions in a separate class: We need 4 parts for the homework but there are really only 3 sections that currently need work in the app. If you can think of something that needs to be done go for it else just make some wifi functions which we might end up using. Probably things like: finding open wifi networks, and connecting to one.

Hardest to easiest: alreadyConnectedThread, acceptNewThread, newConnectionThread, Wifi.