02.2
Q1. The counter is reset to 0, but the contents of the EditText is preserved.
Q2. Android shuts down your Activity by calling onPause(), onStop(), and onDestroy(), and then starts it over again, calling onCreate(), onStart(), and onResume().
Q3. onSaveInstanceState() is called before the onDestroy() method.
Q4. onPause() or onStop()

02.3
Q1. new Intent()
Q2. All of the above.
Q3. Intent takePicture = new Intent(MediaStore.ACTION_IMAGE_CAPTURE);