```
GPU 1D KERNEL LOOP(index, nthreads) {
                                            for (int h = hstart; h < hend; ++h) {
                                             for (int w = wstart; w < wend; ++w) {
                                               int idx = c * height * width + h * width + w;
pooling = tf.nn.max_pool(a, [1,2,2,1],
                                               if (IsGreaterThanopagate nans>(
       [1,1,1,1], padding='VALID')
                                                 bottom data n[idx], maxval)) {
                                                maxidx = include batch in index ? idx + offset : idx;
                                                maxval = bottom data n[idx];
           TensorFlow
                                                            CUDA Code
                API
                                                                                     VGTM(...)
                                                                                  Tensor Instruction
```