CNN Layers Worksheet   **Your Name:** Jasper Jain   **Input Size:** 512 x 512 x 3.

For each layer, just put N/A in any details that don't make sense for your layer. You probably don't have this many layers. You can fill in values as you put them into Tensorflow.

- **Layer 1 Type:** Convolution
    - **Details: Frame/Filter Size:** 25, **Stride:** 7, **Layers:** 8, **Padding:** ((1,1), (2,2)), **Activation:** relu
    - **Output Size:** 71 x 71 x 8
- **Layer 2 Type:** Max Pool
    - **Details: Frame/Filter Size:** 2 x 2, **Stride:** N/A, or 2, **Layers:** N/A, **Padding:** ((1,1), (0,0)), **Activation:** N/A
    - **Output Size:** 36 x 36 x 8
- **Layer 3 Type:** Convolution
    - **Details: Frame/Filter Size:** 3, **Stride:** 2 , **Layers:** 8 , **Padding:** ((1,1), (0,0)), **Activation:** relu
    - **Output Size:** 18 x 18 x 8
- **Layer 4 Type:** Max Pool
    - **Details: Frame/Filter Size:** 2 x 2, **Stride:** N/A, or 2, **Layers:** N/A, **Padding:** N/A,
    - **Output Size:** 9 x 9 x 8
- **Layer 5 Type:** Flatten
    - **Output Size:** 648
- **Layer 6 Type:** Dense
    - **Activation:** relu
    - **Output Size:** 512
- **Layer 7 Type:** Dense
    - **Activation:** relu
    - **Output Size:** 128
- **Layer 8 Type:** Dense
    - **Activation:** relu
    - **Output Size:** 32
- **Layer 9 Type:** Dense
    - **Activation:** softmax
    - **Output Size:** 10