

```
Number of filters in layer 0 are 10
Filter 1 of shape torch.Size([5, 5]) has weights
tensor([[ -0.2054, -0.0399,  0.0345, -0.2555, -0.0177],
        [ -0.1849, -0.2532, -0.2280, -0.0855, -0.1683],
        [  0.1803,  0.0711,  0.1822,  0.1996,  0.1256],
        [  0.3121,  0.0022,  0.0457,  0.1620,  0.2687],
        [  0.0733,  0.1982,  0.0848, -0.0014, -0.1019]],
        grad_fn=<SelectBackward0>)
Filter 2 of shape torch.Size([5, 5]) has weights
tensor([[ 0.1059,  0.0914,  0.2005,  0.2564,  0.2876],
        [-0.1511, -0.1656,  0.1385, -0.0539, -0.0305],
        [-0.0516, -0.0614, -0.2586, -0.0183, -0.1388],
        [-0.1984, -0.1762, -0.1109, -0.1278, -0.1752],
        [ 0.0960, -0.0735, -0.1079, -0.0022,  0.0824]],
        grad_fn=<SelectBackward0>)
Filter 3 of shape torch.Size([5, 5]) has weights
tensor([[ -0.1209,  0.3167,  0.0920,  0.0986,  0.0711],
        [  0.3301,  0.3415,  0.1455, -0.1361, -0.1303],
        [  0.3453,  0.0422, -0.2070,  0.0022, -0.1439],
        [  0.0870, -0.1702,  0.0235, -0.2135,  0.0512],
        [  0.0775,  0.1767, -0.0222,  0.0121, -0.0987]],
        grad_fn=<SelectBackward0>)
Filter 4 of shape torch.Size([5, 5]) has weights
tensor([[ -0.1140, -0.1938,  0.0923,  0.0252,  0.1751],
        [-0.1506,  0.0832,  0.0582, -0.0903, -0.1266],
        [-0.2363, -0.2184, -0.0216,  0.1464, -0.1769],
        [-0.1582, -0.0487, -0.2135, -0.1253, -0.1975],
        [  0.1458, -0.1845, -0.1030, -0.2126, -0.1293]],
        grad_fn=<SelectBackward0>)
Filter 5 of shape torch.Size([5, 5]) has weights
tensor([[ -0.1414, -0.2759, -0.0712, -0.1920, -0.1586],
        [-0.0600, -0.2183, -0.2989,  0.0032, -0.1984],
        [  0.1955, -0.0772, -0.2271, -0.0245, -0.0351],
        [  0.3321,  0.2048,  0.2129, -0.0474,  0.1965],
        [  0.1896,  0.4202,  0.1931,  0.3935,  0.0820]],
        grad_fn=<SelectBackward0>)
Filter 6 of shape torch.Size([5, 5]) has weights
tensor([[ 0.0291,  0.2843,  0.1740, -0.0628,  0.3260],
        [ 0.2949,  0.1364,  0.3376,  0.1800,  0.0855],
        [-0.0656,  0.1260,  0.0810,  0.1193,  0.1040],
        [-0.2557, -0.3208, -0.2343, -0.2013, -0.2090],
        [-0.3061, -0.0647, -0.2887, -0.0449,  0.0694]],
        grad_fn=<SelectBackward0>)
Filter 7 of shape torch.Size([5, 5]) has weights
tensor([[ 0.0084, -0.1012, -0.0991,  0.2855,  0.3911],
        [-0.0286, -0.0606,  0.0548,  0.3173,  0.2804],
        [ 0.0782,  0.0383,  0.1828,  0.2566,  0.3490],
        [-0.2122,  0.0071,  0.2450,  0.4246,  0.3643],
        [-0.1471,  0.1566,  0.1462,  0.3509,  0.1422]],
        grad_fn=<SelectBackward0>)
Filter 8 of shape torch.Size([5, 5]) has weights
tensor([[ 0.2505,  0.0204, -0.1531,  0.1165, -0.1511],
        [ 0.2442,  0.2280,  0.0204, -0.2881,  0.0171],
        [ 0.1329, -0.0696, -0.1808, -0.1843, -0.0871],
        [ 0.2377, -0.0407, -0.2486,  0.0843, -0.1396],
        [ 0.1359, -0.1949, -0.1134, -0.1313,  0.0141]],
        grad_fn=<SelectBackward0>)
Filter 9 of shape torch.Size([5, 5]) has weights
tensor([[ -0.2168, -0.2073,  0.1941,  0.2713, -0.0052],
        [-0.0056, -0.1879,  0.1384,  0.1145,  0.0171],
        [-0.2327, -0.0077,  0.0097,  0.3162, -0.1278],
        [-0.1139,  0.0969,  0.2142,  0.0062,  0.0131],
        [ 0.0650,  0.1258, -0.0689, -0.0240, -0.1726]],
        grad_fn=<SelectBackward0>)
Filter 10 of shape torch.Size([5, 5]) has weights
tensor([[ 0.0540, -0.0097, -0.0496, -0.1033,  0.1128],
        [ 0.2235,  0.0759, -0.1089, -0.2616, -0.2908],
        [ 0.0828, -0.1182, -0.2169, -0.1825, -0.2239],
        [ 0.3346,  0.3125,  0.1380,  0.1099,  0.2105],
        [ 0.0542,  0.3943,  0.4652,  0.4095,  0.3334]],
        grad_fn=<SelectBackward0>)
```