

1a



1b

```
tensor([[[[243., 237., 236.],
          [242., 234., 232.],
          [238., 229., 226.],
          ...,
          [206., 196., 191.],
          [204., 194., 188.],
          [190., 182., 178.]],
        [[236., 228., 227.],
          [233., 226., 224.],
          [227., 219., 216.],
          ...,
          [206., 196., 191.],
          [204., 194., 188.],
          [190., 182., 178.]],
        [[229., 220., 218.],
          [225., 218., 215.],
          [217., 210., 207.],
          ...,
          [208., 198., 193.],
          [205., 195., 189.],
          [191., 183., 179.]],
        ...,
        [[224., 243., 234.],
          [187., 204., 192.],
          [185., 195., 183.],
          ...,
          [318., 323., 322.],
          [318., 323., 322.],
          [275., 279., 278.]],
        [[224., 241., 233.],
          [186., 203., 190.],
          [184., 193., 180.],
          ...,
          [317., 322., 321.],
          [317., 322., 321.],
          [275., 278., 278.]],
        [[224., 241., 232.],
          [185., 201., 189.],
          [181., 190., 177.],
          ...,
          [317., 322., 321.],
          [317., 322., 321.],
          [274., 278., 277.]]]])
```

1c



2



3a

```

tensor([[[[ 0.3923, -0.0487,  0.2084],
           [ 0.3758, -0.1036,  0.1424],
           [ 0.3096, -0.1951,  0.0434],
           ...,
           [-0.2192, -0.7988, -0.5344],
           [-0.2522, -0.8354, -0.5840],
           [-0.4836, -1.0549, -0.7491]],

          [[ 0.2766, -0.2134,  0.0599],
           [ 0.2270, -0.2500,  0.0103],
           [ 0.1279, -0.3780, -0.1217],
           ...,
           [-0.2192, -0.7988, -0.5344],
           [-0.2522, -0.8354, -0.5840],
           [-0.4836, -1.0549, -0.7491]],

          [[ 0.1609, -0.3597, -0.0887],
           [ 0.0948, -0.3963, -0.1382],
           [-0.0374, -0.5427, -0.2703],
           ...,
           [-0.1861, -0.7622, -0.5014],
           [-0.2357, -0.8171, -0.5675],
           [-0.4670, -1.0367, -0.7325]],

          ...,

          [[ 0.0783,  0.0611,  0.1754],
           [-0.5331, -0.6525, -0.5179],
           [-0.5662, -0.8171, -0.6665],
           ...,
           [ 1.6317,  1.5247,  1.6282],
           [ 1.6317,  1.5247,  1.6282],
           [ 0.9211,  0.7197,  0.9018]],

          [[ 0.0783,  0.0245,  0.1589],
           [-0.5497, -0.6707, -0.5510],
           [-0.5827, -0.8537, -0.7160],
           ...,
           [ 1.6151,  1.5064,  1.6117],
           [ 1.6151,  1.5064,  1.6117],
           [ 0.9211,  0.7014,  0.9018]],

          [[ 0.0783,  0.0245,  0.1424],
           [-0.5662, -0.7073, -0.5675],
           [-0.6323, -0.9086, -0.7656],
           ...,
           [ 1.6151,  1.5064,  1.6117],
           [ 1.6151,  1.5064,  1.6117],
           [ 0.9046,  0.7014,  0.8853]]], dtype=torch.float64)

```

3b



4

5

