```
Epoch 1  => loss : 0.72;  Accuracy : 46.00%;  Val_loss : 0.83;  Val_Accuracy : 46.73%
Epoch 2  => loss : 1.80;  Accuracy : 53.68%;  Val_loss : 1.58;  Val_Accuracy : 47.45%
Epoch 3  => loss : 0.76;  Accuracy : 55.77%;  Val_loss : 0.91;  Val_Accuracy : 71.27%
Epoch 4  => loss : 1.42;  Accuracy : 60.72%;  Val_loss : 0.85;  Val_Accuracy : 80.73%
Epoch 5  => loss : 0.84;  Accuracy : 62.81%;  Val_loss : 0.77;  Val_Accuracy : 75.82%
Epoch 6  => loss : 1.42;  Accuracy : 67.80%;  Val_loss : 0.59;  Val_Accuracy : 80.91%
Epoch 7  => loss : 1.88;  Accuracy : 72.39%;  Val_loss : 0.63;  Val_Accuracy : 80.73%
Epoch 8  => loss : 1.61;  Accuracy : 74.39%;  Val_loss : 1.00;  Val_Accuracy : 83.27%
Epoch 9  => loss : 0.91;  Accuracy : 76.48%;  Val_loss : 1.00;  Val_Accuracy : 83.09%
Epoch 10 => loss : 1.10;  Accuracy : 75.98%;  Val_loss : 0.54;  Val_Accuracy : 83.64%
Epoch 11 => loss : 0.89;  Accuracy : 79.11%;  Val_loss : 0.59;  Val_Accuracy : 84.55%
Epoch 12 => loss : 1.80;  Accuracy : 79.34%;  Val_loss : 0.64;  Val_Accuracy : 86.00%
Epoch 13 => loss : 1.90;  Accuracy : 82.06%;  Val_loss : 0.65;  Val_Accuracy : 86.00%
Epoch 14 => loss : 0.37;  Accuracy : 81.24%;  Val_loss : 0.79;  Val_Accuracy : 86.18%
Epoch 15 => loss : 0.99;  Accuracy : 82.11%;  Val_loss : 0.57;  Val_Accuracy : 87.09%
Epoch 16 => loss : 0.60;  Accuracy : 82.65%;  Val_loss : 0.76;  Val_Accuracy : 86.00%
Epoch 17 => loss : 0.55;  Accuracy : 82.24%;  Val_loss : 0.43;  Val_Accuracy : 85.45%
Epoch 18 => loss : 1.15;  Accuracy : 82.24%;  Val_loss : 0.82;  Val_Accuracy : 85.27%
Epoch 19 => loss : 1.20;  Accuracy : 83.65%;  Val_loss : 0.53;  Val_Accuracy : 87.64%
Epoch 20 => loss : 1.03;  Accuracy : 83.29%;  Val_loss : 0.72;  Val_Accuracy : 89.09%
Epoch 21 => loss : 1.04;  Accuracy : 85.10%;  Val_loss : 0.33;  Val_Accuracy : 87.64%
Epoch 22 => loss : 0.60;  Accuracy : 83.47%;  Val_loss : 0.59;  Val_Accuracy : 88.18%
Epoch 23 => loss : 0.32;  Accuracy : 84.65%;  Val_loss : 0.73;  Val_Accuracy : 88.91%
Epoch 24 => loss : 0.75;  Accuracy : 83.74%;  Val_loss : 0.88;  Val_Accuracy : 89.45%
Epoch 25 => loss : 0.71;  Accuracy : 85.88%;  Val_loss : 0.47;  Val_Accuracy : 88.91%
Epoch 26 => loss : 1.06;  Accuracy : 85.83%;  Val_loss : 0.52;  Val_Accuracy : 87.09%
Epoch 27 => loss : 0.25;  Accuracy : 84.60%;  Val_loss : 0.72;  Val_Accuracy : 89.82%
Epoch 28 => loss : 1.11;  Accuracy : 86.01%;  Val_loss : 0.62;  Val_Accuracy : 86.36%
Epoch 29 => loss : 0.22;  Accuracy : 85.69%;  Val_loss : 0.42;  Val_Accuracy : 88.00%
Epoch 30 => loss : 0.30;  Accuracy : 85.51%;  Val_loss : 0.42;  Val_Accuracy : 90.55%
Epoch 31 => loss : 0.93;  Accuracy : 85.92%;  Val_loss : 0.41;  Val_Accuracy : 86.91%
Epoch 32 => loss : 0.93;  Accuracy : 86.06%;  Val_loss : 0.52;  Val_Accuracy : 88.00%
Epoch 33 => loss : 0.25;  Accuracy : 87.42%;  Val_loss : 0.35;  Val_Accuracy : 88.36%
Epoch 34 => loss : 0.17;  Accuracy : 85.10%;  Val_loss : 0.39;  Val_Accuracy : 88.73%
Epoch 35 => loss : 0.36;  Accuracy : 87.06%;  Val_loss : 0.34;  Val_Accuracy : 89.45%
Epoch 36 => loss : 0.37;  Accuracy : 88.47%;  Val_loss : 0.18;  Val_Accuracy : 90.91%
Epoch 37 => loss : 0.36;  Accuracy : 86.83%;  Val_loss : 0.30;  Val_Accuracy : 89.82%
Epoch 38 => loss : 0.61;  Accuracy : 87.65%;  Val_loss : 0.27;  Val_Accuracy : 89.64%
Epoch 39 => loss : 0.95;  Accuracy : 87.19%;  Val_loss : 0.50;  Val_Accuracy : 92.18%
Epoch 40 => loss : 0.54;  Accuracy : 88.10%;  Val_loss : 0.50;  Val_Accuracy : 90.91%
Epoch 41 => loss : 0.35;  Accuracy : 88.19%;  Val_loss : 0.54;  Val_Accuracy : 88.55%
Epoch 42 => loss : 0.80;  Accuracy : 88.78%;  Val_loss : 0.31;  Val_Accuracy : 91.27%
Epoch 43 => loss : 0.65;  Accuracy : 87.74%;  Val_loss : 0.55;  Val_Accuracy : 92.18%
Epoch 44 => loss : 1.08;  Accuracy : 88.74%;  Val_loss : 0.22;  Val_Accuracy : 90.73%
Epoch 45 => loss : 0.02;  Accuracy : 88.83%;  Val_loss : 0.38;  Val_Accuracy : 92.00%
Epoch 46 => loss : 0.74;  Accuracy : 88.06%;  Val_loss : 0.47;  Val_Accuracy : 91.82%
Epoch 47 => loss : 0.73;  Accuracy : 88.15%;  Val_loss : 0.72;  Val_Accuracy : 92.55%
Epoch 48 => loss : 0.35;  Accuracy : 89.33%;  Val_loss : 0.56;  Val_Accuracy : 90.73%
Epoch 49 => loss : 0.36;  Accuracy : 88.33%;  Val_loss : 0.48;  Val_Accuracy : 91.27%
Epoch 50 => loss : 0.08;  Accuracy : 89.65%;  Val_loss : 0.30;  Val_Accuracy : 90.91%
Epoch 51 => loss : 0.75;  Accuracy : 89.87%;  Val_loss : 0.20;  Val_Accuracy : 92.18%
Epoch 52 => loss : 0.31;  Accuracy : 89.06%;  Val_loss : 0.25;  Val_Accuracy : 92.91%
Epoch 53 => loss : 0.37;  Accuracy : 89.19%;  Val_loss : 0.43;  Val_Accuracy : 92.55%
Epoch 54 => loss : 0.28;  Accuracy : 89.24%;  Val_loss : 0.28;  Val_Accuracy : 92.55%
Epoch 55 => loss : 0.60;  Accuracy : 89.10%;  Val_loss : 0.22;  Val_Accuracy : 91.09%
Epoch 56 => loss : 0.26;  Accuracy : 90.24%;  Val_loss : 0.18;  Val_Accuracy : 93.64%
Epoch 57 => loss : 0.43;  Accuracy : 89.83%;  Val_loss : 0.10;  Val_Accuracy : 91.45%
Epoch 58 => loss : 0.44;  Accuracy : 90.74%;  Val_loss : 0.29;  Val_Accuracy : 94.55%
Epoch 59 => loss : 0.37;  Accuracy : 91.05%;  Val_loss : 0.37;  Val_Accuracy : 94.36%
Epoch 60 => loss : 0.91;  Accuracy : 90.83%;  Val_loss : 0.30;  Val_Accuracy : 92.73%
Epoch 61 => loss : 0.31;  Accuracy : 90.24%;  Val_loss : 0.23;  Val_Accuracy : 93.27%
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Epoch 62 =>  loss : 0.15;  Accuracy : 89.83%;  Val_loss : 0.18;  Val_Accuracy : 92.73%
Epoch 63 =>  loss : 0.60;  Accuracy : 90.15%;  Val_loss : 0.20;  Val_Accuracy : 92.18%
Epoch 64 =>  loss : 0.49;  Accuracy : 89.92%;  Val_loss : 0.26;  Val_Accuracy : 92.91%
Epoch 65 =>  loss : 0.59;  Accuracy : 90.83%;  Val_loss : 0.20;  Val_Accuracy : 92.18%
Epoch 66 =>  loss : 0.84;  Accuracy : 90.55%;  Val_loss : 0.38;  Val_Accuracy : 93.09%
Epoch 67 =>  loss : 0.78;  Accuracy : 90.69%;  Val_loss : 0.28;  Val_Accuracy : 93.09%
Epoch 68 =>  loss : 0.02;  Accuracy : 90.01%;  Val_loss : 0.24;  Val_Accuracy : 91.64%
Epoch 69 =>  loss : 0.71;  Accuracy : 90.69%;  Val_loss : 0.27;  Val_Accuracy : 92.91%
Epoch 70 =>  loss : 0.37;  Accuracy : 91.37%;  Val_loss : 0.07;  Val_Accuracy : 92.55%
Epoch 71 =>  loss : 0.31;  Accuracy : 90.28%;  Val_loss : 0.43;  Val_Accuracy : 93.09%
Epoch 72 =>  loss : 0.05;  Accuracy : 91.92%;  Val_loss : 0.14;  Val_Accuracy : 92.91%
Epoch 73 =>  loss : 0.34;  Accuracy : 90.19%;  Val_loss : 0.43;  Val_Accuracy : 92.36%
Epoch 74 =>  loss : 0.22;  Accuracy : 90.78%;  Val_loss : 0.21;  Val_Accuracy : 94.00%
Epoch 75 =>  loss : 0.60;  Accuracy : 91.83%;  Val_loss : 0.12;  Val_Accuracy : 93.27%
Epoch 76 =>  loss : 0.33;  Accuracy : 91.37%;  Val_loss : 0.14;  Val_Accuracy : 92.18%
Epoch 77 =>  loss : 0.79;  Accuracy : 92.23%;  Val_loss : 0.22;  Val_Accuracy : 93.09%
Epoch 78 =>  loss : 0.07;  Accuracy : 92.42%;  Val_loss : 0.10;  Val_Accuracy : 92.36%
Epoch 79 =>  loss : 0.69;  Accuracy : 92.10%;  Val_loss : 0.40;  Val_Accuracy : 88.73%
Epoch 80 =>  loss : 0.02;  Accuracy : 91.42%;  Val_loss : 0.20;  Val_Accuracy : 93.45%
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