```
Epoch 1 =>  loss : 0.73;   Accuracy : 45.87%;   Val_loss : 0.83;   Val_Accuracy : 46.73%
Epoch 2 =>  loss : 1.82;   Accuracy : 54.09%;   Val_loss : 1.68;   Val_Accuracy : 47.27%
Epoch 3 =>  loss : 0.73;   Accuracy : 55.22%;   Val_loss : 0.97;   Val_Accuracy : 71.82%
Epoch 4 =>  loss : 1.36;   Accuracy : 59.36%;   Val_loss : 0.88;   Val_Accuracy : 82.36%
Epoch 5 =>  loss : 0.84;   Accuracy : 61.22%;   Val_loss : 0.83;   Val_Accuracy : 75.82%
Epoch 6 =>  loss : 1.45;   Accuracy : 67.35%;   Val_loss : 0.61;   Val_Accuracy : 81.09%
Epoch 7 =>  loss : 1.82;   Accuracy : 71.80%;   Val_loss : 0.65;   Val_Accuracy : 80.36%
Epoch 8 =>  loss : 1.61;   Accuracy : 74.57%;   Val_loss : 1.00;   Val_Accuracy : 84.55%
Epoch 9 =>  loss : 0.95;   Accuracy : 76.66%;   Val_loss : 1.01;   Val_Accuracy : 82.55%
Epoch 10 =>  loss : 1.08;   Accuracy : 76.57%;   Val_loss : 0.56;   Val_Accuracy : 85.45%
Epoch 11 =>  loss : 0.85;   Accuracy : 79.25%;   Val_loss : 0.51;   Val_Accuracy : 84.18%
Epoch 12 =>  loss : 1.67;   Accuracy : 79.61%;   Val_loss : 0.70;   Val_Accuracy : 86.00%
Epoch 13 =>  loss : 1.83;   Accuracy : 81.43%;   Val_loss : 0.70;   Val_Accuracy : 86.36%
Epoch 14 =>  loss : 0.38;   Accuracy : 81.43%;   Val_loss : 0.78;   Val_Accuracy : 86.73%
Epoch 15 =>  loss : 0.95;   Accuracy : 82.79%;   Val_loss : 0.65;   Val_Accuracy : 88.91%
Epoch 16 =>  loss : 0.55;   Accuracy : 82.92%;   Val_loss : 0.82;   Val_Accuracy : 85.45%
Epoch 17 =>  loss : 0.51;   Accuracy : 82.83%;   Val_loss : 0.46;   Val_Accuracy : 87.82%
Epoch 18 =>  loss : 1.16;   Accuracy : 82.20%;   Val_loss : 0.78;   Val_Accuracy : 87.09%
Epoch 19 =>  loss : 1.13;   Accuracy : 83.42%;   Val_loss : 0.53;   Val_Accuracy : 88.36%
Epoch 20 =>  loss : 0.99;   Accuracy : 84.33%;   Val_loss : 0.72;   Val_Accuracy : 89.45%
Epoch 21 =>  loss : 1.06;   Accuracy : 84.70%;   Val_loss : 0.41;   Val_Accuracy : 89.09%
Epoch 22 =>  loss : 0.53;   Accuracy : 83.92%;   Val_loss : 0.63;   Val_Accuracy : 88.36%
Epoch 23 =>  loss : 0.37;   Accuracy : 83.92%;   Val_loss : 0.83;   Val_Accuracy : 89.09%
Epoch 24 =>  loss : 0.76;   Accuracy : 84.42%;   Val_loss : 0.99;   Val_Accuracy : 89.82%
Epoch 25 =>  loss : 0.69;   Accuracy : 86.38%;   Val_loss : 0.55;   Val_Accuracy : 88.73%
Epoch 26 =>  loss : 0.96;   Accuracy : 85.69%;   Val_loss : 0.65;   Val_Accuracy : 86.91%
Epoch 27 =>  loss : 0.30;   Accuracy : 84.70%;   Val_loss : 0.85;   Val_Accuracy : 90.00%
Epoch 28 =>  loss : 1.04;   Accuracy : 86.38%;   Val_loss : 0.64;   Val_Accuracy : 86.55%
Epoch 29 =>  loss : 0.14;   Accuracy : 86.29%;   Val_loss : 0.46;   Val_Accuracy : 88.55%
Epoch 30 =>  loss : 0.28;   Accuracy : 86.33%;   Val_loss : 0.54;   Val_Accuracy : 90.36%
Epoch 31 =>  loss : 0.86;   Accuracy : 86.10%;   Val_loss : 0.44;   Val_Accuracy : 89.45%
Epoch 32 =>  loss : 0.88;   Accuracy : 86.24%;   Val_loss : 0.56;   Val_Accuracy : 90.00%
Epoch 33 =>  loss : 0.18;   Accuracy : 86.97%;   Val_loss : 0.40;   Val_Accuracy : 90.18%
Epoch 34 =>  loss : 0.08;   Accuracy : 85.47%;   Val_loss : 0.43;   Val_Accuracy : 88.36%
Epoch 35 =>  loss : 0.37;   Accuracy : 86.24%;   Val_loss : 0.55;   Val_Accuracy : 90.00%
Epoch 36 =>  loss : 0.43;   Accuracy : 88.28%;   Val_loss : 0.23;   Val_Accuracy : 90.55%
Epoch 37 =>  loss : 0.38;   Accuracy : 87.15%;   Val_loss : 0.32;   Val_Accuracy : 89.64%
Epoch 38 =>  loss : 0.51;   Accuracy : 87.60%;   Val_loss : 0.29;   Val_Accuracy : 90.73%
Epoch 39 =>  loss : 0.89;   Accuracy : 87.65%;   Val_loss : 0.51;   Val_Accuracy : 90.18%
Epoch 40 =>  loss : 0.43;   Accuracy : 87.74%;   Val_loss : 0.54;   Val_Accuracy : 90.91%
Epoch 41 =>  loss : 0.33;   Accuracy : 88.19%;   Val_loss : 0.51;   Val_Accuracy : 86.91%
Epoch 42 =>  loss : 0.68;   Accuracy : 88.19%;   Val_loss : 0.38;   Val_Accuracy : 91.09%
Epoch 43 =>  loss : 0.64;   Accuracy : 87.65%;   Val_loss : 0.60;   Val_Accuracy : 92.00%
Epoch 44 =>  loss : 1.08;   Accuracy : 88.96%;   Val_loss : 0.23;   Val_Accuracy : 90.73%
Epoch 45 =>  loss : 0.02;   Accuracy : 89.10%;   Val_loss : 0.36;   Val_Accuracy : 91.45%
Epoch 46 =>  loss : 0.73;   Accuracy : 89.10%;   Val_loss : 0.38;   Val_Accuracy : 92.36%
Epoch 47 =>  loss : 0.74;   Accuracy : 88.06%;   Val_loss : 0.81;   Val_Accuracy : 92.36%
Epoch 48 =>  loss : 0.31;   Accuracy : 89.55%;   Val_loss : 0.46;   Val_Accuracy : 91.27%
Epoch 49 =>  loss : 0.22;   Accuracy : 88.42%;   Val_loss : 0.54;   Val_Accuracy : 92.00%
Epoch 50 =>  loss : 0.15;   Accuracy : 90.28%;   Val_loss : 0.19;   Val_Accuracy : 89.82%
Epoch 51 =>  loss : 0.74;   Accuracy : 89.96%;   Val_loss : 0.20;   Val_Accuracy : 92.55%
Epoch 52 =>  loss : 0.34;   Accuracy : 88.87%;   Val_loss : 0.30;   Val_Accuracy : 92.18%
Epoch 53 =>  loss : 0.36;   Accuracy : 89.10%;   Val_loss : 0.35;   Val_Accuracy : 91.64%
Epoch 54 =>  loss : 0.31;   Accuracy : 90.15%;   Val_loss : 0.21;   Val_Accuracy : 92.55%
Epoch 55 =>  loss : 0.59;   Accuracy : 90.10%;   Val_loss : 0.24;   Val_Accuracy : 92.00%
Epoch 56 =>  loss : 0.33;   Accuracy : 90.19%;   Val_loss : 0.19;   Val_Accuracy : 92.73%
Epoch 57 =>  loss : 0.36;   Accuracy : 89.60%;   Val_loss : 0.18;   Val_Accuracy : 90.36%
Epoch 58 =>  loss : 0.45;   Accuracy : 90.64%;   Val_loss : 0.16;   Val_Accuracy : 94.36%
Epoch 59 =>  loss : 0.35;   Accuracy : 91.51%;   Val_loss : 0.35;   Val_Accuracy : 93.27%
Epoch 60 =>  loss : 0.97;   Accuracy : 91.05%;   Val_loss : 0.50;   Val_Accuracy : 91.82%
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