Data used: alldata45\_USonly.txt -> us\_vs\_toefl\_45.csv

Epochs: 10

Rest of the params: default

Training Best:

INFO:root: Saved model checkpoints\_temp/model-1309 at step 1309

INFO:root: Best accuracy 96.8813% at step 1309 (1926/1988)

Test results:

Accuracy on test set - (2119/2209) -> accuracy: 95.9258%

Class native : (1048/1101) -> accuracy: 95.1862%

Class non-native : (1071/1108) -> accuracy: 96.6606%

Time:3 hours

Entering function \_\_main\_\_

Entering function train\_cnn\_rnn

Entering function load\_data

The sentences length (after padding) will be 1089(length of the longest sentence)

Leaving function load\_data

x\_train: 17891, x\_dev: 1988, x\_test: 2209

y\_train: 17891, y\_dev: 1988, y\_test: 2209

\*\*\*There will be 1400 steps total

STEP 1 - (992/1988) -> accuracy: 49.8994%

Class native : (2/998) -> accuracy: 0.2004%

Class non-native : (990/990) -> accuracy: 100.0000%

INFO:root: Saved model checkpoints\_temp/model-1 at step 1

INFO:root: Best accuracy 49.8994% at step 1 (992/1988)

STEP 2 - (991/1988) -> accuracy: 49.8491%

Class native : (3/998) -> accuracy: 0.3006%

Class non-native : (988/990) -> accuracy: 99.7980%

STEP 3 - (986/1988) -> accuracy: 49.5976%

Class native : (4/998) -> accuracy: 0.4008%

Class non-native : (982/990) -> accuracy: 99.1919%

STEP 4 - (987/1988) -> accuracy: 49.6479%

Class native : (9/998) -> accuracy: 0.9018%

Class non-native : (978/990) -> accuracy: 98.7879%

STEP 5 - (988/1988) -> accuracy: 49.6982%

Class native : (10/998) -> accuracy: 1.0020%

Class non-native : (978/990) -> accuracy: 98.7879%

STEP 6 - (985/1988) -> accuracy: 49.5473%

Class native : (10/998) -> accuracy: 1.0020%

Class non-native : (975/990) -> accuracy: 98.4848%

STEP 7 - (985/1988) -> accuracy: 49.5473%

Class native : (12/998) -> accuracy: 1.2024%

Class non-native : (973/990) -> accuracy: 98.2828%

STEP 8 - (982/1988) -> accuracy: 49.3964%

Class native : (31/998) -> accuracy: 3.1062%

Class non-native : (951/990) -> accuracy: 96.0606%

STEP 9 - (986/1988) -> accuracy: 49.5976%

Class native : (65/998) -> accuracy: 6.5130%

Class non-native : (921/990) -> accuracy: 93.0303%

STEP 10 - (986/1988) -> accuracy: 49.5976%

Class native : (66/998) -> accuracy: 6.6132%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 11 - (985/1988) -> accuracy: 49.5473%

Class native : (113/998) -> accuracy: 11.3226%

Class non-native : (872/990) -> accuracy: 88.0808%

STEP 12 - (974/1988) -> accuracy: 48.9940%

Class native : (150/998) -> accuracy: 15.0301%

Class non-native : (824/990) -> accuracy: 83.2323%

STEP 13 - (977/1988) -> accuracy: 49.1449%

Class native : (129/998) -> accuracy: 12.9259%

Class non-native : (848/990) -> accuracy: 85.6566%

STEP 14 - (961/1988) -> accuracy: 48.3400%

Class native : (164/998) -> accuracy: 16.4329%

Class non-native : (797/990) -> accuracy: 80.5051%

STEP 15 - (976/1988) -> accuracy: 49.0946%

Class native : (149/998) -> accuracy: 14.9299%

Class non-native : (827/990) -> accuracy: 83.5354%

STEP 16 - (965/1988) -> accuracy: 48.5412%

Class native : (162/998) -> accuracy: 16.2325%

Class non-native : (803/990) -> accuracy: 81.1111%

STEP 17 - (949/1988) -> accuracy: 47.7364%

Class native : (218/998) -> accuracy: 21.8437%

Class non-native : (731/990) -> accuracy: 73.8384%

STEP 18 - (951/1988) -> accuracy: 47.8370%

Class native : (223/998) -> accuracy: 22.3447%

Class non-native : (728/990) -> accuracy: 73.5354%

STEP 19 - (908/1988) -> accuracy: 45.6740%

Class native : (367/998) -> accuracy: 36.7735%

Class non-native : (541/990) -> accuracy: 54.6465%

STEP 20 - (934/1988) -> accuracy: 46.9819%

Class native : (249/998) -> accuracy: 24.9499%

Class non-native : (685/990) -> accuracy: 69.1919%

STEP 21 - (910/1988) -> accuracy: 45.7746%

Class native : (366/998) -> accuracy: 36.6733%

Class non-native : (544/990) -> accuracy: 54.9495%

STEP 22 - (909/1988) -> accuracy: 45.7243%

Class native : (472/998) -> accuracy: 47.2946%

Class non-native : (437/990) -> accuracy: 44.1414%

STEP 23 - (936/1988) -> accuracy: 47.0825%

Class native : (633/998) -> accuracy: 63.4269%

Class non-native : (303/990) -> accuracy: 30.6061%

STEP 24 - (952/1988) -> accuracy: 47.8873%

Class native : (762/998) -> accuracy: 76.3527%

Class non-native : (190/990) -> accuracy: 19.1919%

STEP 25 - (950/1988) -> accuracy: 47.7867%

Class native : (750/998) -> accuracy: 75.1503%

Class non-native : (200/990) -> accuracy: 20.2020%

STEP 26 - (933/1988) -> accuracy: 46.9316%

Class native : (637/998) -> accuracy: 63.8277%

Class non-native : (296/990) -> accuracy: 29.8990%

STEP 27 - (939/1988) -> accuracy: 47.2334%

Class native : (674/998) -> accuracy: 67.5351%

Class non-native : (265/990) -> accuracy: 26.7677%

STEP 28 - (927/1988) -> accuracy: 46.6298%

Class native : (451/998) -> accuracy: 45.1904%

Class non-native : (476/990) -> accuracy: 48.0808%

STEP 29 - (921/1988) -> accuracy: 46.3280%

Class native : (435/998) -> accuracy: 43.5872%

Class non-native : (486/990) -> accuracy: 49.0909%

STEP 30 - (917/1988) -> accuracy: 46.1268%

Class native : (561/998) -> accuracy: 56.2124%

Class non-native : (356/990) -> accuracy: 35.9596%

STEP 31 - (922/1988) -> accuracy: 46.3783%

Class native : (532/998) -> accuracy: 53.3066%

Class non-native : (390/990) -> accuracy: 39.3939%

STEP 32 - (922/1988) -> accuracy: 46.3783%

Class native : (500/998) -> accuracy: 50.1002%

Class non-native : (422/990) -> accuracy: 42.6263%

STEP 33 - (947/1988) -> accuracy: 47.6358%

Class native : (697/998) -> accuracy: 69.8397%

Class non-native : (250/990) -> accuracy: 25.2525%

STEP 34 - (952/1988) -> accuracy: 47.8873%

Class native : (749/998) -> accuracy: 75.0501%

Class non-native : (203/990) -> accuracy: 20.5051%

STEP 35 - (938/1988) -> accuracy: 47.1831%

Class native : (313/998) -> accuracy: 31.3627%

Class non-native : (625/990) -> accuracy: 63.1313%

STEP 36 - (985/1988) -> accuracy: 49.5473%

Class native : (849/998) -> accuracy: 85.0701%

Class non-native : (136/990) -> accuracy: 13.7374%

STEP 37 - (986/1988) -> accuracy: 49.5976%

Class native : (849/998) -> accuracy: 85.0701%

Class non-native : (137/990) -> accuracy: 13.8384%

STEP 38 - (924/1988) -> accuracy: 46.4789%

Class native : (560/998) -> accuracy: 56.1122%

Class non-native : (364/990) -> accuracy: 36.7677%

STEP 39 - (951/1988) -> accuracy: 47.8370%

Class native : (692/998) -> accuracy: 69.3387%

Class non-native : (259/990) -> accuracy: 26.1616%

STEP 40 - (932/1988) -> accuracy: 46.8813%

Class native : (454/998) -> accuracy: 45.4910%

Class non-native : (478/990) -> accuracy: 48.2828%

STEP 41 - (958/1988) -> accuracy: 48.1891%

Class native : (676/998) -> accuracy: 67.7355%

Class non-native : (282/990) -> accuracy: 28.4848%

STEP 42 - (968/1988) -> accuracy: 48.6922%

Class native : (807/998) -> accuracy: 80.8617%

Class non-native : (161/990) -> accuracy: 16.2626%

STEP 43 - (963/1988) -> accuracy: 48.4406%

Class native : (776/998) -> accuracy: 77.7555%

Class non-native : (187/990) -> accuracy: 18.8889%

STEP 44 - (988/1988) -> accuracy: 49.6982%

Class native : (902/998) -> accuracy: 90.3808%

Class non-native : (86/990) -> accuracy: 8.6869%

STEP 45 - (999/1988) -> accuracy: 50.2515%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (32/990) -> accuracy: 3.2323%

INFO:root: Saved model checkpoints\_temp/model-45 at step 45

INFO:root: Best accuracy 50.2515% at step 45 (999/1988)

STEP 46 - (972/1988) -> accuracy: 48.8934%

Class native : (742/998) -> accuracy: 74.3487%

Class non-native : (230/990) -> accuracy: 23.2323%

STEP 47 - (995/1988) -> accuracy: 50.0503%

Class native : (51/998) -> accuracy: 5.1102%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 48 - (1004/1988) -> accuracy: 50.5030%

Class native : (72/998) -> accuracy: 7.2144%

Class non-native : (932/990) -> accuracy: 94.1414%

INFO:root: Saved model checkpoints\_temp/model-48 at step 48

INFO:root: Best accuracy 50.5030% at step 48 (1004/1988)

INFO:root: Saved model checkpoints\_temp/model-61 at step 61

INFO:root: Best accuracy 50.8048% at step 61 (1010/1988)

STEP 62 - (997/1988) -> accuracy: 50.1509%

Class native : (333/998) -> accuracy: 33.3667%

Class non-native : (664/990) -> accuracy: 67.0707%

STEP 63 - (1016/1988) -> accuracy: 51.1066%

Class native : (77/998) -> accuracy: 7.7154%

Class non-native : (939/990) -> accuracy: 94.8485%

INFO:root: Saved model checkpoints\_temp/model-63 at step 63

INFO:root: Best accuracy 51.1066% at step 63 (1016/1988)

STEP 64 - (999/1988) -> accuracy: 50.2515%

Class native : (995/998) -> accuracy: 99.6994%

Class non-native : (4/990) -> accuracy: 0.4040%

STEP 65 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 66 - (999/1988) -> accuracy: 50.2515%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (1/990) -> accuracy: 0.1010%

STEP 67 - (994/1988) -> accuracy: 50.0000%

Class native : (4/998) -> accuracy: 0.4008%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 68 - (1012/1988) -> accuracy: 50.9054%

Class native : (537/998) -> accuracy: 53.8076%

Class non-native : (475/990) -> accuracy: 47.9798%

STEP 69 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 70 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 71 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 72 - (1072/1988) -> accuracy: 53.9235%

Class native : (319/998) -> accuracy: 31.9639%

Class non-native : (753/990) -> accuracy: 76.0606%

INFO:root: Saved model checkpoints\_temp/model-72 at step 72

INFO:root: Best accuracy 53.9235% at step 72 (1072/1988)

STEP 73 - (1028/1988) -> accuracy: 51.7103%

Class native : (914/998) -> accuracy: 91.5832%

Class non-native : (114/990) -> accuracy: 11.5152%

STEP 74 - (1017/1988) -> accuracy: 51.1569%

Class native : (51/998) -> accuracy: 5.1102%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 75 - (993/1988) -> accuracy: 49.9497%

Class native : (3/998) -> accuracy: 0.3006%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 76 - (1044/1988) -> accuracy: 52.5151%

Class native : (706/998) -> accuracy: 70.7415%

Class non-native : (338/990) -> accuracy: 34.1414%

STEP 77 - (1002/1988) -> accuracy: 50.4024%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (9/990) -> accuracy: 0.9091%

STEP 78 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 79 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 80 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 81 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 82 - (1139/1988) -> accuracy: 57.2938%

Class native : (565/998) -> accuracy: 56.6132%

Class non-native : (574/990) -> accuracy: 57.9798%

INFO:root: Saved model checkpoints\_temp/model-82 at step 82

INFO:root: Best accuracy 57.2938% at step 82 (1139/1988)

STEP 83 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 84 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 85 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 86 - (1005/1988) -> accuracy: 50.5533%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (13/990) -> accuracy: 1.3131%

STEP 87 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 88 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 89 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 90 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 91 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 92 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 93 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 94 - (1013/1988) -> accuracy: 50.9557%

Class native : (32/998) -> accuracy: 3.2064%

Class non-native : (981/990) -> accuracy: 99.0909%

STEP 95 - (1195/1988) -> accuracy: 60.1107%

Class native : (376/998) -> accuracy: 37.6754%

Class non-native : (819/990) -> accuracy: 82.7273%

INFO:root: Saved model checkpoints\_temp/model-95 at step 95

INFO:root: Best accuracy 60.1107% at step 95 (1195/1988)

STEP 96 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 97 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 98 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 99 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 100 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 101 - (992/1988) -> accuracy: 49.8994%

Class native : (2/998) -> accuracy: 0.2004%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 102 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 103 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 104 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 105 - (991/1988) -> accuracy: 49.8491%

Class native : (1/998) -> accuracy: 0.1002%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 106 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 107 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 108 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 109 - (1251/1988) -> accuracy: 62.9276%

Class native : (828/998) -> accuracy: 82.9659%

Class non-native : (423/990) -> accuracy: 42.7273%

INFO:root: Saved model checkpoints\_temp/model-109 at step 109

INFO:root: Best accuracy 62.9276% at step 109 (1251/1988)

STEP 110 - (1284/1988) -> accuracy: 64.5875%

Class native : (785/998) -> accuracy: 78.6573%

Class non-native : (499/990) -> accuracy: 50.4040%

INFO:root: Saved model checkpoints\_temp/model-110 at step 110

INFO:root: Best accuracy 64.5875% at step 110 (1284/1988)

STEP 111 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 112 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 113 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 114 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 115 - (1015/1988) -> accuracy: 51.0563%

Class native : (29/998) -> accuracy: 2.9058%

Class non-native : (986/990) -> accuracy: 99.5960%

STEP 116 - (991/1988) -> accuracy: 49.8491%

Class native : (1/998) -> accuracy: 0.1002%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 117 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 118 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 119 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 120 - (1148/1988) -> accuracy: 57.7465%

Class native : (213/998) -> accuracy: 21.3427%

Class non-native : (935/990) -> accuracy: 94.4444%

STEP 121 - (1063/1988) -> accuracy: 53.4708%

Class native : (996/998) -> accuracy: 99.7996%

Class non-native : (67/990) -> accuracy: 6.7677%

STEP 122 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 123 - (1000/1988) -> accuracy: 50.3018%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (2/990) -> accuracy: 0.2020%

STEP 124 - (994/1988) -> accuracy: 50.0000%

Class native : (4/998) -> accuracy: 0.4008%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 125 - (1288/1988) -> accuracy: 64.7887%

Class native : (905/998) -> accuracy: 90.6814%

Class non-native : (383/990) -> accuracy: 38.6869%

INFO:root: Saved model checkpoints\_temp/model-125 at step 125

INFO:root: Best accuracy 64.7887% at step 125 (1288/1988)

STEP 126 - (1118/1988) -> accuracy: 56.2374%

Class native : (152/998) -> accuracy: 15.2305%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 127 - (1343/1988) -> accuracy: 67.5553%

Class native : (851/998) -> accuracy: 85.2705%

Class non-native : (492/990) -> accuracy: 49.6970%

INFO:root: Saved model checkpoints\_temp/model-127 at step 127

INFO:root: Best accuracy 67.5553% at step 127 (1343/1988)

STEP 128 - (1199/1988) -> accuracy: 60.3119%

Class native : (264/998) -> accuracy: 26.4529%

Class non-native : (935/990) -> accuracy: 94.4444%

STEP 129 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 130 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 131 - (1058/1988) -> accuracy: 53.2193%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (60/990) -> accuracy: 6.0606%

STEP 132 - (1005/1988) -> accuracy: 50.5533%

Class native : (17/998) -> accuracy: 1.7034%

Class non-native : (988/990) -> accuracy: 99.7980%

STEP 133 - (1205/1988) -> accuracy: 60.6137%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (225/990) -> accuracy: 22.7273%

STEP 134 - (1420/1988) -> accuracy: 71.4286%

Class native : (801/998) -> accuracy: 80.2605%

Class non-native : (619/990) -> accuracy: 62.5253%

INFO:root: Saved model checkpoints\_temp/model-134 at step 134

INFO:root: Best accuracy 71.4286% at step 134 (1420/1988)

STEP 135 - (1064/1988) -> accuracy: 53.5211%

Class native : (81/998) -> accuracy: 8.1162%

Class non-native : (983/990) -> accuracy: 99.2929%

STEP 136 - (1103/1988) -> accuracy: 55.4829%

Class native : (995/998) -> accuracy: 99.6994%

Class non-native : (108/990) -> accuracy: 10.9091%

STEP 137 - (1049/1988) -> accuracy: 52.7666%

Class native : (64/998) -> accuracy: 6.4128%

Class non-native : (985/990) -> accuracy: 99.4949%

STEP 138 - (998/1988) -> accuracy: 50.2012%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (0/990) -> accuracy: 0.0000%

STEP 139 - (990/1988) -> accuracy: 49.7988%

Class native : (0/998) -> accuracy: 0.0000%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 140 - (1126/1988) -> accuracy: 56.6398%

Class native : (995/998) -> accuracy: 99.6994%

Class non-native : (131/990) -> accuracy: 13.2323%

STEP 141 - (1469/1988) -> accuracy: 73.8934%

Class native : (769/998) -> accuracy: 77.0541%

Class non-native : (700/990) -> accuracy: 70.7071%

INFO:root: Saved model checkpoints\_temp/model-141 at step 141

INFO:root: Best accuracy 73.8934% at step 141 (1469/1988)

STEP 142 - (1445/1988) -> accuracy: 72.6861%

Class native : (641/998) -> accuracy: 64.2285%

Class non-native : (804/990) -> accuracy: 81.2121%

STEP 143 - (1479/1988) -> accuracy: 74.3964%

Class native : (755/998) -> accuracy: 75.6513%

Class non-native : (724/990) -> accuracy: 73.1313%

INFO:root: Saved model checkpoints\_temp/model-143 at step 143

INFO:root: Best accuracy 74.3964% at step 143 (1479/1988)

STEP 144 - (1183/1988) -> accuracy: 59.5070%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (190/990) -> accuracy: 19.1919%

STEP 145 - (1190/1988) -> accuracy: 59.8592%

Class native : (227/998) -> accuracy: 22.7455%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 146 - (1137/1988) -> accuracy: 57.1932%

Class native : (995/998) -> accuracy: 99.6994%

Class non-native : (142/990) -> accuracy: 14.3434%

STEP 147 - (1061/1988) -> accuracy: 53.3702%

Class native : (71/998) -> accuracy: 7.1142%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 148 - (1039/1988) -> accuracy: 52.2636%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (41/990) -> accuracy: 4.1414%

STEP 149 - (996/1988) -> accuracy: 50.1006%

Class native : (6/998) -> accuracy: 0.6012%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 150 - (1006/1988) -> accuracy: 50.6036%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (8/990) -> accuracy: 0.8081%

STEP 151 - (1089/1988) -> accuracy: 54.7787%

Class native : (102/998) -> accuracy: 10.2204%

Class non-native : (987/990) -> accuracy: 99.6970%

STEP 152 - (1492/1988) -> accuracy: 75.0503%

Class native : (869/998) -> accuracy: 87.0741%

Class non-native : (623/990) -> accuracy: 62.9293%

INFO:root: Saved model checkpoints\_temp/model-152 at step 152

INFO:root: Best accuracy 75.0503% at step 152 (1492/1988)

STEP 153 - (1532/1988) -> accuracy: 77.0624%

Class native : (745/998) -> accuracy: 74.6493%

Class non-native : (787/990) -> accuracy: 79.4949%

INFO:root: Saved model checkpoints\_temp/model-153 at step 153

INFO:root: Best accuracy 77.0624% at step 153 (1532/1988)

STEP 154 - (1524/1988) -> accuracy: 76.6600%

Class native : (848/998) -> accuracy: 84.9699%

Class non-native : (676/990) -> accuracy: 68.2828%

STEP 155 - (1089/1988) -> accuracy: 54.7787%

Class native : (997/998) -> accuracy: 99.8998%

Class non-native : (92/990) -> accuracy: 9.2929%

STEP 156 - (1193/1988) -> accuracy: 60.0101%

Class native : (217/998) -> accuracy: 21.7435%

Class non-native : (976/990) -> accuracy: 98.5859%

STEP 157 - (1225/1988) -> accuracy: 61.6197%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (233/990) -> accuracy: 23.5354%

STEP 158 - (1275/1988) -> accuracy: 64.1348%

Class native : (318/998) -> accuracy: 31.8637%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 159 - (1571/1988) -> accuracy: 79.0241%

Class native : (745/998) -> accuracy: 74.6493%

Class non-native : (826/990) -> accuracy: 83.4343%

INFO:root: Saved model checkpoints\_temp/model-159 at step 159

INFO:root: Best accuracy 79.0241% at step 159 (1571/1988)

STEP 160 - (1574/1988) -> accuracy: 79.1751%

Class native : (727/998) -> accuracy: 72.8457%

Class non-native : (847/990) -> accuracy: 85.5556%

INFO:root: Saved model checkpoints\_temp/model-160 at step 160

INFO:root: Best accuracy 79.1751% at step 160 (1574/1988)

STEP 161 - (1592/1988) -> accuracy: 80.0805%

Class native : (816/998) -> accuracy: 81.7635%

Class non-native : (776/990) -> accuracy: 78.3838%

INFO:root: Saved model checkpoints\_temp/model-161 at step 161

INFO:root: Best accuracy 80.0805% at step 161 (1592/1988)

STEP 162 - (1560/1988) -> accuracy: 78.4708%

Class native : (692/998) -> accuracy: 69.3387%

Class non-native : (868/990) -> accuracy: 87.6768%

STEP 163 - (1553/1988) -> accuracy: 78.1187%

Class native : (933/998) -> accuracy: 93.4870%

Class non-native : (620/990) -> accuracy: 62.6263%

STEP 164 - (1446/1988) -> accuracy: 72.7364%

Class native : (505/998) -> accuracy: 50.6012%

Class non-native : (941/990) -> accuracy: 95.0505%

STEP 165 - (1002/1988) -> accuracy: 50.4024%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (4/990) -> accuracy: 0.4040%

STEP 166 - (1004/1988) -> accuracy: 50.5030%

Class native : (14/998) -> accuracy: 1.4028%

Class non-native : (990/990) -> accuracy: 100.0000%

STEP 167 - (1463/1988) -> accuracy: 73.5915%

Class native : (953/998) -> accuracy: 95.4910%

Class non-native : (510/990) -> accuracy: 51.5152%

STEP 168 - (1472/1988) -> accuracy: 74.0443%

Class native : (564/998) -> accuracy: 56.5130%

Class non-native : (908/990) -> accuracy: 91.7172%

STEP 169 - (1624/1988) -> accuracy: 81.6901%

Class native : (858/998) -> accuracy: 85.9719%

Class non-native : (766/990) -> accuracy: 77.3737%

INFO:root: Saved model checkpoints\_temp/model-169 at step 169

INFO:root: Best accuracy 81.6901% at step 169 (1624/1988)

STEP 170 - (1434/1988) -> accuracy: 72.1328%

Class native : (503/998) -> accuracy: 50.4008%

Class non-native : (931/990) -> accuracy: 94.0404%

STEP 171 - (1537/1988) -> accuracy: 77.3139%

Class native : (938/998) -> accuracy: 93.9880%

Class non-native : (599/990) -> accuracy: 60.5051%

STEP 172 - (1598/1988) -> accuracy: 80.3823%

Class native : (727/998) -> accuracy: 72.8457%

Class non-native : (871/990) -> accuracy: 87.9798%

STEP 173 - (1589/1988) -> accuracy: 79.9296%

Class native : (696/998) -> accuracy: 69.7395%

Class non-native : (893/990) -> accuracy: 90.2020%

STEP 174 - (1499/1988) -> accuracy: 75.4024%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (536/990) -> accuracy: 54.1414%

STEP 175 - (1438/1988) -> accuracy: 72.3340%

Class native : (489/998) -> accuracy: 48.9980%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 176 - (1353/1988) -> accuracy: 68.0584%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (360/990) -> accuracy: 36.3636%

STEP 177 - (1418/1988) -> accuracy: 71.3280%

Class native : (463/998) -> accuracy: 46.3928%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 178 - (1340/1988) -> accuracy: 67.4044%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (347/990) -> accuracy: 35.0505%

STEP 179 - (1352/1988) -> accuracy: 68.0080%

Class native : (378/998) -> accuracy: 37.8758%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 180 - (1662/1988) -> accuracy: 83.6016%

Class native : (915/998) -> accuracy: 91.6834%

Class non-native : (747/990) -> accuracy: 75.4545%

INFO:root: Saved model checkpoints\_temp/model-180 at step 180

INFO:root: Best accuracy 83.6016% at step 180 (1662/1988)

STEP 181 - (1669/1988) -> accuracy: 83.9537%

Class native : (818/998) -> accuracy: 81.9639%

Class non-native : (851/990) -> accuracy: 85.9596%

INFO:root: Saved model checkpoints\_temp/model-181 at step 181

INFO:root: Best accuracy 83.9537% at step 181 (1669/1988)

STEP 182 - (1681/1988) -> accuracy: 84.5573%

Class native : (823/998) -> accuracy: 82.4649%

Class non-native : (858/990) -> accuracy: 86.6667%

INFO:root: Saved model checkpoints\_temp/model-182 at step 182

INFO:root: Best accuracy 84.5573% at step 182 (1681/1988)

STEP 183 - (1693/1988) -> accuracy: 85.1610%

Class native : (840/998) -> accuracy: 84.1683%

Class non-native : (853/990) -> accuracy: 86.1616%

INFO:root: Saved model checkpoints\_temp/model-183 at step 183

INFO:root: Best accuracy 85.1610% at step 183 (1693/1988)

STEP 184 - (1645/1988) -> accuracy: 82.7465%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (696/990) -> accuracy: 70.3030%

STEP 185 - (1289/1988) -> accuracy: 64.8390%

Class native : (308/998) -> accuracy: 30.8617%

Class non-native : (981/990) -> accuracy: 99.0909%

STEP 186 - (1037/1988) -> accuracy: 52.1630%

Class native : (998/998) -> accuracy: 100.0000%

Class non-native : (39/990) -> accuracy: 3.9394%

STEP 187 - (1568/1988) -> accuracy: 78.8732%

Class native : (637/998) -> accuracy: 63.8277%

Class non-native : (931/990) -> accuracy: 94.0404%

STEP 188 - (1636/1988) -> accuracy: 82.2938%

Class native : (733/998) -> accuracy: 73.4469%

Class non-native : (903/990) -> accuracy: 91.2121%

STEP 189 - (1687/1988) -> accuracy: 84.8592%

Class native : (918/998) -> accuracy: 91.9840%

Class non-native : (769/990) -> accuracy: 77.6768%

STEP 190 - (1664/1988) -> accuracy: 83.7022%

Class native : (761/998) -> accuracy: 76.2525%

Class non-native : (903/990) -> accuracy: 91.2121%

STEP 191 - (1717/1988) -> accuracy: 86.3682%

Class native : (914/998) -> accuracy: 91.5832%

Class non-native : (803/990) -> accuracy: 81.1111%

INFO:root: Saved model checkpoints\_temp/model-191 at step 191

INFO:root: Best accuracy 86.3682% at step 191 (1717/1988)

STEP 192 - (1647/1988) -> accuracy: 82.8471%

Class native : (959/998) -> accuracy: 96.0922%

Class non-native : (688/990) -> accuracy: 69.4949%

STEP 193 - (1530/1988) -> accuracy: 76.9618%

Class native : (569/998) -> accuracy: 57.0140%

Class non-native : (961/990) -> accuracy: 97.0707%

STEP 194 - (1462/1988) -> accuracy: 73.5412%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (479/990) -> accuracy: 48.3838%

STEP 195 - (1560/1988) -> accuracy: 78.4708%

Class native : (602/998) -> accuracy: 60.3206%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 196 - (1703/1988) -> accuracy: 85.6640%

Class native : (942/998) -> accuracy: 94.3888%

Class non-native : (761/990) -> accuracy: 76.8687%

STEP 197 - (1667/1988) -> accuracy: 83.8531%

Class native : (739/998) -> accuracy: 74.0481%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 198 - (1695/1988) -> accuracy: 85.2616%

Class native : (947/998) -> accuracy: 94.8898%

Class non-native : (748/990) -> accuracy: 75.5556%

STEP 199 - (1529/1988) -> accuracy: 76.9115%

Class native : (565/998) -> accuracy: 56.6132%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 200 - (1404/1988) -> accuracy: 70.6237%

Class native : (994/998) -> accuracy: 99.5992%

Class non-native : (410/990) -> accuracy: 41.4141%

STEP 201 - (1656/1988) -> accuracy: 83.2998%

Class native : (719/998) -> accuracy: 72.0441%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 202 - (1499/1988) -> accuracy: 75.4024%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (513/990) -> accuracy: 51.8182%

STEP 203 - (1577/1988) -> accuracy: 79.3260%

Class native : (618/998) -> accuracy: 61.9238%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 204 - (1670/1988) -> accuracy: 84.0040%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (702/990) -> accuracy: 70.9091%

STEP 205 - (1713/1988) -> accuracy: 86.1670%

Class native : (792/998) -> accuracy: 79.3587%

Class non-native : (921/990) -> accuracy: 93.0303%

STEP 206 - (1748/1988) -> accuracy: 87.9276%

Class native : (920/998) -> accuracy: 92.1844%

Class non-native : (828/990) -> accuracy: 83.6364%

INFO:root: Saved model checkpoints\_temp/model-206 at step 206

INFO:root: Best accuracy 87.9276% at step 206 (1748/1988)

STEP 207 - (1577/1988) -> accuracy: 79.3260%

Class native : (615/998) -> accuracy: 61.6232%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 208 - (1330/1988) -> accuracy: 66.9014%

Class native : (997/998) -> accuracy: 99.8998%

Class non-native : (333/990) -> accuracy: 33.6364%

STEP 209 - (1390/1988) -> accuracy: 69.9195%

Class native : (409/998) -> accuracy: 40.9820%

Class non-native : (981/990) -> accuracy: 99.0909%

STEP 210 - (1666/1988) -> accuracy: 83.8028%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (698/990) -> accuracy: 70.5051%

STEP 211 - (1752/1988) -> accuracy: 88.1288%

Class native : (886/998) -> accuracy: 88.7776%

Class non-native : (866/990) -> accuracy: 87.4747%

INFO:root: Saved model checkpoints\_temp/model-211 at step 211

INFO:root: Best accuracy 88.1288% at step 211 (1752/1988)

STEP 212 - (1757/1988) -> accuracy: 88.3803%

Class native : (928/998) -> accuracy: 92.9860%

Class non-native : (829/990) -> accuracy: 83.7374%

INFO:root: Saved model checkpoints\_temp/model-212 at step 212

INFO:root: Best accuracy 88.3803% at step 212 (1757/1988)

STEP 213 - (1733/1988) -> accuracy: 87.1730%

Class native : (805/998) -> accuracy: 80.6613%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 214 - (1720/1988) -> accuracy: 86.5191%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (758/990) -> accuracy: 76.5657%

STEP 215 - (1750/1988) -> accuracy: 88.0282%

Class native : (835/998) -> accuracy: 83.6673%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 216 - (1739/1988) -> accuracy: 87.4748%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (781/990) -> accuracy: 78.8889%

STEP 217 - (1658/1988) -> accuracy: 83.4004%

Class native : (704/998) -> accuracy: 70.5411%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 218 - (1650/1988) -> accuracy: 82.9980%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (672/990) -> accuracy: 67.8788%

STEP 219 - (1445/1988) -> accuracy: 72.6861%

Class native : (466/998) -> accuracy: 46.6934%

Class non-native : (979/990) -> accuracy: 98.8889%

STEP 220 - (1460/1988) -> accuracy: 73.4406%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (468/990) -> accuracy: 47.2727%

STEP 221 - (1714/1988) -> accuracy: 86.2173%

Class native : (776/998) -> accuracy: 77.7555%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 222 - (1768/1988) -> accuracy: 88.9336%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (822/990) -> accuracy: 83.0303%

INFO:root: Saved model checkpoints\_temp/model-222 at step 222

INFO:root: Best accuracy 88.9336% at step 222 (1768/1988)

STEP 223 - (1768/1988) -> accuracy: 88.9336%

Class native : (863/998) -> accuracy: 86.4729%

Class non-native : (905/990) -> accuracy: 91.4141%

STEP 224 - (1774/1988) -> accuracy: 89.2354%

Class native : (903/998) -> accuracy: 90.4810%

Class non-native : (871/990) -> accuracy: 87.9798%

INFO:root: Saved model checkpoints\_temp/model-224 at step 224

INFO:root: Best accuracy 89.2354% at step 224 (1774/1988)

STEP 225 - (1649/1988) -> accuracy: 82.9477%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (671/990) -> accuracy: 67.7778%

STEP 226 - (1479/1988) -> accuracy: 74.3964%

Class native : (504/998) -> accuracy: 50.5010%

Class non-native : (975/990) -> accuracy: 98.4848%

STEP 227 - (1465/1988) -> accuracy: 73.6922%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (472/990) -> accuracy: 47.6768%

STEP 228 - (1747/1988) -> accuracy: 87.8773%

Class native : (833/998) -> accuracy: 83.4669%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 229 - (1773/1988) -> accuracy: 89.1851%

Class native : (912/998) -> accuracy: 91.3828%

Class non-native : (861/990) -> accuracy: 86.9697%

STEP 230 - (1779/1988) -> accuracy: 89.4869%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (829/990) -> accuracy: 83.7374%

INFO:root: Saved model checkpoints\_temp/model-230 at step 230

INFO:root: Best accuracy 89.4869% at step 230 (1779/1988)

STEP 231 - (1772/1988) -> accuracy: 89.1348%

Class native : (854/998) -> accuracy: 85.5711%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 232 - (1771/1988) -> accuracy: 89.0845%

Class native : (954/998) -> accuracy: 95.5912%

Class non-native : (817/990) -> accuracy: 82.5253%

STEP 233 - (1722/1988) -> accuracy: 86.6197%

Class native : (779/998) -> accuracy: 78.0561%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 234 - (1485/1988) -> accuracy: 74.6982%

Class native : (994/998) -> accuracy: 99.5992%

Class non-native : (491/990) -> accuracy: 49.5960%

STEP 235 - (1504/1988) -> accuracy: 75.6539%

Class native : (528/998) -> accuracy: 52.9058%

Class non-native : (976/990) -> accuracy: 98.5859%

STEP 236 - (1753/1988) -> accuracy: 88.1791%

Class native : (959/998) -> accuracy: 96.0922%

Class non-native : (794/990) -> accuracy: 80.2020%

STEP 237 - (1775/1988) -> accuracy: 89.2857%

Class native : (881/998) -> accuracy: 88.2766%

Class non-native : (894/990) -> accuracy: 90.3030%

STEP 238 - (1788/1988) -> accuracy: 89.9396%

Class native : (907/998) -> accuracy: 90.8818%

Class non-native : (881/990) -> accuracy: 88.9899%

INFO:root: Saved model checkpoints\_temp/model-238 at step 238

INFO:root: Best accuracy 89.9396% at step 238 (1788/1988)

STEP 239 - (1754/1988) -> accuracy: 88.2294%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (794/990) -> accuracy: 80.2020%

STEP 240 - (1771/1988) -> accuracy: 89.0845%

Class native : (847/998) -> accuracy: 84.8697%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 241 - (1731/1988) -> accuracy: 87.0724%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (765/990) -> accuracy: 77.2727%

STEP 242 - (1621/1988) -> accuracy: 81.5392%

Class native : (653/998) -> accuracy: 65.4309%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 243 - (1554/1988) -> accuracy: 78.1690%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (563/990) -> accuracy: 56.8687%

STEP 244 - (1695/1988) -> accuracy: 85.2616%

Class native : (738/998) -> accuracy: 73.9479%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 245 - (1791/1988) -> accuracy: 90.0905%

Class native : (895/998) -> accuracy: 89.6794%

Class non-native : (896/990) -> accuracy: 90.5051%

INFO:root: Saved model checkpoints\_temp/model-245 at step 245

INFO:root: Best accuracy 90.0905% at step 245 (1791/1988)

STEP 246 - (1799/1988) -> accuracy: 90.4930%

Class native : (898/998) -> accuracy: 89.9800%

Class non-native : (901/990) -> accuracy: 91.0101%

INFO:root: Saved model checkpoints\_temp/model-246 at step 246

INFO:root: Best accuracy 90.4930% at step 246 (1799/1988)

STEP 247 - (1748/1988) -> accuracy: 87.9276%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (785/990) -> accuracy: 79.2929%

STEP 248 - (1795/1988) -> accuracy: 90.2918%

Class native : (912/998) -> accuracy: 91.3828%

Class non-native : (883/990) -> accuracy: 89.1919%

STEP 249 - (1790/1988) -> accuracy: 90.0402%

Class native : (928/998) -> accuracy: 92.9860%

Class non-native : (862/990) -> accuracy: 87.0707%

STEP 250 - (1725/1988) -> accuracy: 86.7706%

Class native : (774/998) -> accuracy: 77.5551%

Class non-native : (951/990) -> accuracy: 96.0606%

STEP 251 - (1616/1988) -> accuracy: 81.2877%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (628/990) -> accuracy: 63.4343%

STEP 252 - (1776/1988) -> accuracy: 89.3360%

Class native : (838/998) -> accuracy: 83.9679%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 253 - (1781/1988) -> accuracy: 89.5875%

Class native : (944/998) -> accuracy: 94.5892%

Class non-native : (837/990) -> accuracy: 84.5455%

STEP 254 - (1801/1988) -> accuracy: 90.5936%

Class native : (931/998) -> accuracy: 93.2866%

Class non-native : (870/990) -> accuracy: 87.8788%

INFO:root: Saved model checkpoints\_temp/model-254 at step 254

INFO:root: Best accuracy 90.5936% at step 254 (1801/1988)

STEP 255 - (1788/1988) -> accuracy: 89.9396%

Class native : (863/998) -> accuracy: 86.4729%

Class non-native : (925/990) -> accuracy: 93.4343%

STEP 256 - (1787/1988) -> accuracy: 89.8893%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (827/990) -> accuracy: 83.5354%

STEP 257 - (1718/1988) -> accuracy: 86.4185%

Class native : (766/998) -> accuracy: 76.7535%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 258 - (1763/1988) -> accuracy: 88.6821%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (799/990) -> accuracy: 80.7071%

STEP 259 - (1717/1988) -> accuracy: 86.3682%

Class native : (759/998) -> accuracy: 76.0521%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 260 - (1672/1988) -> accuracy: 84.1046%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (691/990) -> accuracy: 69.7980%

STEP 261 - (1485/1988) -> accuracy: 74.6982%

Class native : (505/998) -> accuracy: 50.6012%

Class non-native : (980/990) -> accuracy: 98.9899%

STEP 262 - (1697/1988) -> accuracy: 85.3622%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (717/990) -> accuracy: 72.4242%

STEP 263 - (1797/1988) -> accuracy: 90.3924%

Class native : (884/998) -> accuracy: 88.5772%

Class non-native : (913/990) -> accuracy: 92.2222%

STEP 264 - (1810/1988) -> accuracy: 91.0463%

Class native : (914/998) -> accuracy: 91.5832%

Class non-native : (896/990) -> accuracy: 90.5051%

INFO:root: Saved model checkpoints\_temp/model-264 at step 264

INFO:root: Best accuracy 91.0463% at step 264 (1810/1988)

STEP 265 - (1803/1988) -> accuracy: 90.6942%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (854/990) -> accuracy: 86.2626%

STEP 266 - (1807/1988) -> accuracy: 90.8954%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (859/990) -> accuracy: 86.7677%

STEP 267 - (1671/1988) -> accuracy: 84.0543%

Class native : (705/998) -> accuracy: 70.6413%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 268 - (1727/1988) -> accuracy: 86.8712%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (753/990) -> accuracy: 76.0606%

STEP 269 - (1504/1988) -> accuracy: 75.6539%

Class native : (522/998) -> accuracy: 52.3046%

Class non-native : (982/990) -> accuracy: 99.1919%

STEP 270 - (1700/1988) -> accuracy: 85.5131%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (721/990) -> accuracy: 72.8283%

STEP 271 - (1816/1988) -> accuracy: 91.3481%

Class native : (912/998) -> accuracy: 91.3828%

Class non-native : (904/990) -> accuracy: 91.3131%

INFO:root: Saved model checkpoints\_temp/model-271 at step 271

INFO:root: Best accuracy 91.3481% at step 271 (1816/1988)

STEP 272 - (1811/1988) -> accuracy: 91.0966%

Class native : (937/998) -> accuracy: 93.8878%

Class non-native : (874/990) -> accuracy: 88.2828%

STEP 273 - (1782/1988) -> accuracy: 89.6378%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (817/990) -> accuracy: 82.5253%

STEP 274 - (1807/1988) -> accuracy: 90.8954%

Class native : (891/998) -> accuracy: 89.2786%

Class non-native : (916/990) -> accuracy: 92.5253%

STEP 275 - (1810/1988) -> accuracy: 91.0463%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (862/990) -> accuracy: 87.0707%

STEP 276 - (1799/1988) -> accuracy: 90.4930%

Class native : (866/998) -> accuracy: 86.7735%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 277 - (1735/1988) -> accuracy: 87.2736%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (758/990) -> accuracy: 76.5657%

STEP 278 - (1681/1988) -> accuracy: 84.5573%

Class native : (712/998) -> accuracy: 71.3427%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 279 - (1718/1988) -> accuracy: 86.4185%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (740/990) -> accuracy: 74.7475%

STEP 280 - (1731/1988) -> accuracy: 87.0724%

Class native : (771/998) -> accuracy: 77.2545%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 281 - (1812/1988) -> accuracy: 91.1469%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (857/990) -> accuracy: 86.5657%

STEP 282 - (1810/1988) -> accuracy: 91.0463%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (859/990) -> accuracy: 86.7677%

STEP 283 - (1817/1988) -> accuracy: 91.3984%

Class native : (905/998) -> accuracy: 90.6814%

Class non-native : (912/990) -> accuracy: 92.1212%

INFO:root: Saved model checkpoints\_temp/model-283 at step 283

INFO:root: Best accuracy 91.3984% at step 283 (1817/1988)

STEP 284 - (1781/1988) -> accuracy: 89.5875%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (819/990) -> accuracy: 82.7273%

STEP 285 - (1605/1988) -> accuracy: 80.7344%

Class native : (627/998) -> accuracy: 62.8257%

Class non-native : (978/990) -> accuracy: 98.7879%

STEP 286 - (1767/1988) -> accuracy: 88.8833%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (796/990) -> accuracy: 80.4040%

STEP 287 - (1762/1988) -> accuracy: 88.6318%

Class native : (814/998) -> accuracy: 81.5631%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 288 - (1819/1988) -> accuracy: 91.4990%

Class native : (891/998) -> accuracy: 89.2786%

Class non-native : (928/990) -> accuracy: 93.7374%

INFO:root: Saved model checkpoints\_temp/model-288 at step 288

INFO:root: Best accuracy 91.4990% at step 288 (1819/1988)

STEP 289 - (1798/1988) -> accuracy: 90.4427%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (836/990) -> accuracy: 84.4444%

STEP 290 - (1822/1988) -> accuracy: 91.6499%

Class native : (895/998) -> accuracy: 89.6794%

Class non-native : (927/990) -> accuracy: 93.6364%

INFO:root: Saved model checkpoints\_temp/model-290 at step 290

INFO:root: Best accuracy 91.6499% at step 290 (1822/1988)

STEP 291 - (1812/1988) -> accuracy: 91.1469%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (861/990) -> accuracy: 86.9697%

STEP 292 - (1750/1988) -> accuracy: 88.0282%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (777/990) -> accuracy: 78.4848%

STEP 293 - (1796/1988) -> accuracy: 90.3421%

Class native : (857/998) -> accuracy: 85.8717%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 294 - (1717/1988) -> accuracy: 86.3682%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (738/990) -> accuracy: 74.5455%

STEP 295 - (1787/1988) -> accuracy: 89.8893%

Class native : (846/998) -> accuracy: 84.7695%

Class non-native : (941/990) -> accuracy: 95.0505%

STEP 296 - (1824/1988) -> accuracy: 91.7505%

Class native : (908/998) -> accuracy: 90.9820%

Class non-native : (916/990) -> accuracy: 92.5253%

INFO:root: Saved model checkpoints\_temp/model-296 at step 296

INFO:root: Best accuracy 91.7505% at step 296 (1824/1988)

STEP 297 - (1803/1988) -> accuracy: 90.6942%

Class native : (865/998) -> accuracy: 86.6733%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 298 - (1688/1988) -> accuracy: 84.9095%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (700/990) -> accuracy: 70.7071%

STEP 299 - (1658/1988) -> accuracy: 83.4004%

Class native : (685/998) -> accuracy: 68.6373%

Class non-native : (973/990) -> accuracy: 98.2828%

STEP 300 - (1783/1988) -> accuracy: 89.6881%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (810/990) -> accuracy: 81.8182%

STEP 301 - (1749/1988) -> accuracy: 87.9779%

Class native : (790/998) -> accuracy: 79.1583%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 302 - (1728/1988) -> accuracy: 86.9215%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (749/990) -> accuracy: 75.6566%

STEP 303 - (1809/1988) -> accuracy: 90.9960%

Class native : (873/998) -> accuracy: 87.4749%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 304 - (1799/1988) -> accuracy: 90.4930%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (831/990) -> accuracy: 83.9394%

STEP 305 - (1781/1988) -> accuracy: 89.5875%

Class native : (831/998) -> accuracy: 83.2665%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 306 - (1825/1988) -> accuracy: 91.8008%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (879/990) -> accuracy: 88.7879%

INFO:root: Saved model checkpoints\_temp/model-306 at step 306

INFO:root: Best accuracy 91.8008% at step 306 (1825/1988)

STEP 307 - (1771/1988) -> accuracy: 89.0845%

Class native : (817/998) -> accuracy: 81.8637%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 308 - (1783/1988) -> accuracy: 89.6881%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (809/990) -> accuracy: 81.7172%

STEP 309 - (1774/1988) -> accuracy: 89.2354%

Class native : (819/998) -> accuracy: 82.0641%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 310 - (1698/1988) -> accuracy: 85.4125%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (711/990) -> accuracy: 71.8182%

STEP 311 - (1714/1988) -> accuracy: 86.2173%

Class native : (740/998) -> accuracy: 74.1483%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 312 - (1789/1988) -> accuracy: 89.9899%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (818/990) -> accuracy: 82.6263%

STEP 313 - (1835/1988) -> accuracy: 92.3038%

Class native : (913/998) -> accuracy: 91.4830%

Class non-native : (922/990) -> accuracy: 93.1313%

INFO:root: Saved model checkpoints\_temp/model-313 at step 313

INFO:root: Best accuracy 92.3038% at step 313 (1835/1988)

STEP 314 - (1839/1988) -> accuracy: 92.5050%

Class native : (931/998) -> accuracy: 93.2866%

Class non-native : (908/990) -> accuracy: 91.7172%

INFO:root: Saved model checkpoints\_temp/model-314 at step 314

INFO:root: Best accuracy 92.5050% at step 314 (1839/1988)

STEP 315 - (1835/1988) -> accuracy: 92.3038%

Class native : (911/998) -> accuracy: 91.2826%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 316 - (1774/1988) -> accuracy: 89.2354%

Class native : (820/998) -> accuracy: 82.1643%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 317 - (1704/1988) -> accuracy: 85.7143%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (720/990) -> accuracy: 72.7273%

STEP 318 - (1665/1988) -> accuracy: 83.7525%

Class native : (688/998) -> accuracy: 68.9379%

Class non-native : (977/990) -> accuracy: 98.6869%

STEP 319 - (1652/1988) -> accuracy: 83.0986%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (663/990) -> accuracy: 66.9697%

STEP 320 - (1847/1988) -> accuracy: 92.9074%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (899/990) -> accuracy: 90.8081%

INFO:root: Saved model checkpoints\_temp/model-320 at step 320

INFO:root: Best accuracy 92.9074% at step 320 (1847/1988)

STEP 321 - (1840/1988) -> accuracy: 92.5553%

Class native : (914/998) -> accuracy: 91.5832%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 322 - (1843/1988) -> accuracy: 92.7062%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (894/990) -> accuracy: 90.3030%

STEP 323 - (1832/1988) -> accuracy: 92.1529%

Class native : (894/998) -> accuracy: 89.5792%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 324 - (1845/1988) -> accuracy: 92.8068%

Class native : (940/998) -> accuracy: 94.1884%

Class non-native : (905/990) -> accuracy: 91.4141%

STEP 325 - (1832/1988) -> accuracy: 92.1529%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (874/990) -> accuracy: 88.2828%

STEP 326 - (1834/1988) -> accuracy: 92.2535%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (879/990) -> accuracy: 88.7879%

STEP 327 - (1816/1988) -> accuracy: 91.3481%

Class native : (873/998) -> accuracy: 87.4749%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 328 - (1779/1988) -> accuracy: 89.4869%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (802/990) -> accuracy: 81.0101%

STEP 329 - (1738/1988) -> accuracy: 87.4245%

Class native : (768/998) -> accuracy: 76.9539%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 330 - (1800/1988) -> accuracy: 90.5433%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (827/990) -> accuracy: 83.5354%

STEP 331 - (1836/1988) -> accuracy: 92.3541%

Class native : (912/998) -> accuracy: 91.3828%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 332 - (1826/1988) -> accuracy: 91.8511%

Class native : (884/998) -> accuracy: 88.5772%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 333 - (1830/1988) -> accuracy: 92.0523%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (869/990) -> accuracy: 87.7778%

STEP 334 - (1846/1988) -> accuracy: 92.8571%

Class native : (928/998) -> accuracy: 92.9860%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 335 - (1845/1988) -> accuracy: 92.8068%

Class native : (922/998) -> accuracy: 92.3848%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 336 - (1851/1988) -> accuracy: 93.1087%

Class native : (934/998) -> accuracy: 93.5872%

Class non-native : (917/990) -> accuracy: 92.6263%

INFO:root: Saved model checkpoints\_temp/model-336 at step 336

INFO:root: Best accuracy 93.1087% at step 336 (1851/1988)

STEP 337 - (1847/1988) -> accuracy: 92.9074%

Class native : (932/998) -> accuracy: 93.3868%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 338 - (1842/1988) -> accuracy: 92.6559%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (892/990) -> accuracy: 90.1010%

STEP 339 - (1736/1988) -> accuracy: 87.3239%

Class native : (764/998) -> accuracy: 76.5531%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 340 - (1795/1988) -> accuracy: 90.2918%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (818/990) -> accuracy: 82.6263%

STEP 341 - (1794/1988) -> accuracy: 90.2414%

Class native : (835/998) -> accuracy: 83.6673%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 342 - (1828/1988) -> accuracy: 91.9517%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (863/990) -> accuracy: 87.1717%

STEP 343 - (1767/1988) -> accuracy: 88.8833%

Class native : (802/998) -> accuracy: 80.3607%

Class non-native : (965/990) -> accuracy: 97.4747%

STEP 344 - (1701/1988) -> accuracy: 85.5634%

Class native : (990/998) -> accuracy: 99.1984%

Class non-native : (711/990) -> accuracy: 71.8182%

STEP 345 - (1686/1988) -> accuracy: 84.8089%

Class native : (709/998) -> accuracy: 71.0421%

Class non-native : (977/990) -> accuracy: 98.6869%

STEP 346 - (1751/1988) -> accuracy: 88.0785%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (773/990) -> accuracy: 78.0808%

STEP 347 - (1832/1988) -> accuracy: 92.1529%

Class native : (901/998) -> accuracy: 90.2806%

Class non-native : (931/990) -> accuracy: 94.0404%

STEP 348 - (1830/1988) -> accuracy: 92.0523%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (861/990) -> accuracy: 86.9697%

STEP 349 - (1847/1988) -> accuracy: 92.9074%

Class native : (929/998) -> accuracy: 93.0862%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 350 - (1810/1988) -> accuracy: 91.0463%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (834/990) -> accuracy: 84.2424%

STEP 351 - (1809/1988) -> accuracy: 90.9960%

Class native : (857/998) -> accuracy: 85.8717%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 352 - (1847/1988) -> accuracy: 92.9074%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (886/990) -> accuracy: 89.4949%

STEP 353 - (1842/1988) -> accuracy: 92.6559%

Class native : (910/998) -> accuracy: 91.1824%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 354 - (1845/1988) -> accuracy: 92.8068%

Class native : (952/998) -> accuracy: 95.3908%

Class non-native : (893/990) -> accuracy: 90.2020%

STEP 355 - (1810/1988) -> accuracy: 91.0463%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (835/990) -> accuracy: 84.3434%

STEP 356 - (1828/1988) -> accuracy: 91.9517%

Class native : (886/998) -> accuracy: 88.7776%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 357 - (1824/1988) -> accuracy: 91.7505%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (850/990) -> accuracy: 85.8586%

STEP 358 - (1812/1988) -> accuracy: 91.1469%

Class native : (867/998) -> accuracy: 86.8737%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 359 - (1823/1988) -> accuracy: 91.7002%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (848/990) -> accuracy: 85.6566%

STEP 360 - (1657/1988) -> accuracy: 83.3501%

Class native : (678/998) -> accuracy: 67.9359%

Class non-native : (979/990) -> accuracy: 98.8889%

STEP 361 - (1761/1988) -> accuracy: 88.5815%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (778/990) -> accuracy: 78.5859%

STEP 362 - (1831/1988) -> accuracy: 92.1026%

Class native : (892/998) -> accuracy: 89.3788%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 363 - (1848/1988) -> accuracy: 92.9577%

Class native : (959/998) -> accuracy: 96.0922%

Class non-native : (889/990) -> accuracy: 89.7980%

STEP 364 - (1851/1988) -> accuracy: 93.1087%

Class native : (927/998) -> accuracy: 92.8858%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 365 - (1836/1988) -> accuracy: 92.3541%

Class native : (899/998) -> accuracy: 90.0802%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 366 - (1854/1988) -> accuracy: 93.2596%

Class native : (933/998) -> accuracy: 93.4870%

Class non-native : (921/990) -> accuracy: 93.0303%

INFO:root: Saved model checkpoints\_temp/model-366 at step 366

INFO:root: Best accuracy 93.2596% at step 366 (1854/1988)

STEP 367 - (1855/1988) -> accuracy: 93.3099%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (930/990) -> accuracy: 93.9394%

INFO:root: Saved model checkpoints\_temp/model-367 at step 367

INFO:root: Best accuracy 93.3099% at step 367 (1855/1988)

STEP 368 - (1849/1988) -> accuracy: 93.0080%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (903/990) -> accuracy: 91.2121%

STEP 369 - (1721/1988) -> accuracy: 86.5694%

Class native : (744/998) -> accuracy: 74.5491%

Class non-native : (977/990) -> accuracy: 98.6869%

STEP 370 - (1609/1988) -> accuracy: 80.9356%

Class native : (997/998) -> accuracy: 99.8998%

Class non-native : (612/990) -> accuracy: 61.8182%

STEP 371 - (1690/1988) -> accuracy: 85.0101%

Class native : (714/998) -> accuracy: 71.5431%

Class non-native : (976/990) -> accuracy: 98.5859%

STEP 372 - (1842/1988) -> accuracy: 92.6559%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (876/990) -> accuracy: 88.4848%

STEP 373 - (1854/1988) -> accuracy: 93.2596%

Class native : (952/998) -> accuracy: 95.3908%

Class non-native : (902/990) -> accuracy: 91.1111%

STEP 374 - (1859/1988) -> accuracy: 93.5111%

Class native : (927/998) -> accuracy: 92.8858%

Class non-native : (932/990) -> accuracy: 94.1414%

INFO:root: Saved model checkpoints\_temp/model-374 at step 374

INFO:root: Best accuracy 93.5111% at step 374 (1859/1988)

STEP 375 - (1852/1988) -> accuracy: 93.1590%

Class native : (910/998) -> accuracy: 91.1824%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 376 - (1851/1988) -> accuracy: 93.1087%

Class native : (940/998) -> accuracy: 94.1884%

Class non-native : (911/990) -> accuracy: 92.0202%

STEP 377 - (1841/1988) -> accuracy: 92.6056%

Class native : (891/998) -> accuracy: 89.2786%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 378 - (1762/1988) -> accuracy: 88.6318%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (777/990) -> accuracy: 78.4848%

STEP 379 - (1796/1988) -> accuracy: 90.3421%

Class native : (828/998) -> accuracy: 82.9659%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 380 - (1825/1988) -> accuracy: 91.8008%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (853/990) -> accuracy: 86.1616%

STEP 381 - (1852/1988) -> accuracy: 93.1590%

Class native : (909/998) -> accuracy: 91.0822%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 382 - (1809/1988) -> accuracy: 90.9960%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (831/990) -> accuracy: 83.9394%

STEP 383 - (1833/1988) -> accuracy: 92.2032%

Class native : (878/998) -> accuracy: 87.9760%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 384 - (1801/1988) -> accuracy: 90.5936%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (824/990) -> accuracy: 83.2323%

STEP 385 - (1854/1988) -> accuracy: 93.2596%

Class native : (917/998) -> accuracy: 91.8838%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 386 - (1852/1988) -> accuracy: 93.1590%

Class native : (942/998) -> accuracy: 94.3888%

Class non-native : (910/990) -> accuracy: 91.9192%

STEP 387 - (1859/1988) -> accuracy: 93.5111%

Class native : (933/998) -> accuracy: 93.4870%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 388 - (1846/1988) -> accuracy: 92.8571%

Class native : (902/998) -> accuracy: 90.3808%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 389 - (1836/1988) -> accuracy: 92.3541%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (864/990) -> accuracy: 87.2727%

STEP 390 - (1850/1988) -> accuracy: 93.0584%

Class native : (911/998) -> accuracy: 91.2826%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 391 - (1813/1988) -> accuracy: 91.1972%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (835/990) -> accuracy: 84.3434%

STEP 392 - (1762/1988) -> accuracy: 88.6318%

Class native : (790/998) -> accuracy: 79.1583%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 393 - (1851/1988) -> accuracy: 93.1087%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (883/990) -> accuracy: 89.1919%

STEP 394 - (1848/1988) -> accuracy: 92.9577%

Class native : (903/998) -> accuracy: 90.4810%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 395 - (1799/1988) -> accuracy: 90.4930%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (820/990) -> accuracy: 82.8283%

STEP 396 - (1807/1988) -> accuracy: 90.8954%

Class native : (838/998) -> accuracy: 83.9679%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 397 - (1854/1988) -> accuracy: 93.2596%

Class native : (916/998) -> accuracy: 91.7836%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 398 - (1731/1988) -> accuracy: 87.0724%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (739/990) -> accuracy: 74.6465%

STEP 399 - (1779/1988) -> accuracy: 89.4869%

Class native : (808/998) -> accuracy: 80.9619%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 400 - (1849/1988) -> accuracy: 93.0080%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (883/990) -> accuracy: 89.1919%

STEP 401 - (1844/1988) -> accuracy: 92.7565%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (877/990) -> accuracy: 88.5859%

STEP 402 - (1849/1988) -> accuracy: 93.0080%

Class native : (899/998) -> accuracy: 90.0802%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 403 - (1818/1988) -> accuracy: 91.4487%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (843/990) -> accuracy: 85.1515%

STEP 404 - (1842/1988) -> accuracy: 92.6559%

Class native : (892/998) -> accuracy: 89.3788%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 405 - (1757/1988) -> accuracy: 88.3803%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (770/990) -> accuracy: 77.7778%

STEP 406 - (1801/1988) -> accuracy: 90.5936%

Class native : (830/998) -> accuracy: 83.1663%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 407 - (1853/1988) -> accuracy: 93.2093%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (885/990) -> accuracy: 89.3939%

STEP 408 - (1844/1988) -> accuracy: 92.7565%

Class native : (896/998) -> accuracy: 89.7796%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 409 - (1860/1988) -> accuracy: 93.5614%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (914/990) -> accuracy: 92.3232%

INFO:root: Saved model checkpoints\_temp/model-409 at step 409

INFO:root: Best accuracy 93.5614% at step 409 (1860/1988)

STEP 410 - (1853/1988) -> accuracy: 93.2093%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (888/990) -> accuracy: 89.6970%

STEP 411 - (1850/1988) -> accuracy: 93.0584%

Class native : (907/998) -> accuracy: 90.8818%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 412 - (1855/1988) -> accuracy: 93.3099%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (889/990) -> accuracy: 89.7980%

STEP 413 - (1847/1988) -> accuracy: 92.9074%

Class native : (903/998) -> accuracy: 90.4810%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 414 - (1784/1988) -> accuracy: 89.7384%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (801/990) -> accuracy: 80.9091%

STEP 415 - (1715/1988) -> accuracy: 86.2676%

Class native : (743/998) -> accuracy: 74.4489%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 416 - (1843/1988) -> accuracy: 92.7062%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (867/990) -> accuracy: 87.5758%

STEP 417 - (1849/1988) -> accuracy: 93.0080%

Class native : (912/998) -> accuracy: 91.3828%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 418 - (1841/1988) -> accuracy: 92.6056%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (869/990) -> accuracy: 87.7778%

STEP 419 - (1830/1988) -> accuracy: 92.0523%

Class native : (873/998) -> accuracy: 87.4749%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 420 - (1844/1988) -> accuracy: 92.7565%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (874/990) -> accuracy: 88.2828%

STEP 421 - (1852/1988) -> accuracy: 93.1590%

Class native : (912/998) -> accuracy: 91.3828%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 422 - (1857/1988) -> accuracy: 93.4105%

Class native : (935/998) -> accuracy: 93.6874%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 423 - (1865/1988) -> accuracy: 93.8129%

Class native : (932/998) -> accuracy: 93.3868%

Class non-native : (933/990) -> accuracy: 94.2424%

INFO:root: Saved model checkpoints\_temp/model-423 at step 423

INFO:root: Best accuracy 93.8129% at step 423 (1865/1988)

STEP 424 - (1813/1988) -> accuracy: 91.1972%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (833/990) -> accuracy: 84.1414%

STEP 425 - (1861/1988) -> accuracy: 93.6117%

Class native : (935/998) -> accuracy: 93.6874%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 426 - (1858/1988) -> accuracy: 93.4608%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (896/990) -> accuracy: 90.5051%

STEP 427 - (1855/1988) -> accuracy: 93.3099%

Class native : (911/998) -> accuracy: 91.2826%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 428 - (1815/1988) -> accuracy: 91.2978%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (833/990) -> accuracy: 84.1414%

STEP 429 - (1807/1988) -> accuracy: 90.8954%

Class native : (838/998) -> accuracy: 83.9679%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 430 - (1811/1988) -> accuracy: 91.0966%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (830/990) -> accuracy: 83.8384%

STEP 431 - (1825/1988) -> accuracy: 91.8008%

Class native : (861/998) -> accuracy: 86.2725%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 432 - (1824/1988) -> accuracy: 91.7505%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (847/990) -> accuracy: 85.5556%

STEP 433 - (1851/1988) -> accuracy: 93.1087%

Class native : (912/998) -> accuracy: 91.3828%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 434 - (1857/1988) -> accuracy: 93.4105%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (895/990) -> accuracy: 90.4040%

STEP 435 - (1829/1988) -> accuracy: 92.0020%

Class native : (870/998) -> accuracy: 87.1743%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 436 - (1840/1988) -> accuracy: 92.5553%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (865/990) -> accuracy: 87.3737%

STEP 437 - (1823/1988) -> accuracy: 91.7002%

Class native : (859/998) -> accuracy: 86.0721%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 438 - (1751/1988) -> accuracy: 88.0785%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (758/990) -> accuracy: 76.5657%

STEP 439 - (1807/1988) -> accuracy: 90.8954%

Class native : (839/998) -> accuracy: 84.0681%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 440 - (1860/1988) -> accuracy: 93.5614%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 441 - (1842/1988) -> accuracy: 92.6559%

Class native : (883/998) -> accuracy: 88.4770%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 442 - (1860/1988) -> accuracy: 93.5614%

Class native : (929/998) -> accuracy: 93.0862%

Class non-native : (931/990) -> accuracy: 94.0404%

STEP 443 - (1843/1988) -> accuracy: 92.7062%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (872/990) -> accuracy: 88.0808%

STEP 444 - (1832/1988) -> accuracy: 92.1529%

Class native : (872/998) -> accuracy: 87.3747%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 445 - (1868/1988) -> accuracy: 93.9638%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (919/990) -> accuracy: 92.8283%

INFO:root: Saved model checkpoints\_temp/model-445 at step 445

INFO:root: Best accuracy 93.9638% at step 445 (1868/1988)

STEP 446 - (1866/1988) -> accuracy: 93.8632%

Class native : (941/998) -> accuracy: 94.2886%

Class non-native : (925/990) -> accuracy: 93.4343%

STEP 447 - (1853/1988) -> accuracy: 93.2093%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (884/990) -> accuracy: 89.2929%

STEP 448 - (1867/1988) -> accuracy: 93.9135%

Class native : (938/998) -> accuracy: 93.9880%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 449 - (1866/1988) -> accuracy: 93.8632%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (902/990) -> accuracy: 91.1111%

STEP 450 - (1870/1988) -> accuracy: 94.0644%

Class native : (939/998) -> accuracy: 94.0882%

Class non-native : (931/990) -> accuracy: 94.0404%

INFO:root: Saved model checkpoints\_temp/model-450 at step 450

INFO:root: Best accuracy 94.0644% at step 450 (1870/1988)

STEP 451 - (1857/1988) -> accuracy: 93.4105%

Class native : (909/998) -> accuracy: 91.0822%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 452 - (1825/1988) -> accuracy: 91.8008%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (849/990) -> accuracy: 85.7576%

STEP 453 - (1751/1988) -> accuracy: 88.0785%

Class native : (772/998) -> accuracy: 77.3547%

Class non-native : (979/990) -> accuracy: 98.8889%

STEP 454 - (1605/1988) -> accuracy: 80.7344%

Class native : (997/998) -> accuracy: 99.8998%

Class non-native : (608/990) -> accuracy: 61.4141%

STEP 455 - (1827/1988) -> accuracy: 91.9014%

Class native : (858/998) -> accuracy: 85.9719%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 456 - (1871/1988) -> accuracy: 94.1147%

Class native : (943/998) -> accuracy: 94.4890%

Class non-native : (928/990) -> accuracy: 93.7374%

INFO:root: Saved model checkpoints\_temp/model-456 at step 456

INFO:root: Best accuracy 94.1147% at step 456 (1871/1988)

STEP 457 - (1877/1988) -> accuracy: 94.4165%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (922/990) -> accuracy: 93.1313%

INFO:root: Saved model checkpoints\_temp/model-457 at step 457

INFO:root: Best accuracy 94.4165% at step 457 (1877/1988)

STEP 458 - (1875/1988) -> accuracy: 94.3159%

Class native : (956/998) -> accuracy: 95.7916%

Class non-native : (919/990) -> accuracy: 92.8283%

STEP 459 - (1876/1988) -> accuracy: 94.3662%

Class native : (943/998) -> accuracy: 94.4890%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 460 - (1834/1988) -> accuracy: 92.2535%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (856/990) -> accuracy: 86.4646%

STEP 461 - (1828/1988) -> accuracy: 91.9517%

Class native : (860/998) -> accuracy: 86.1723%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 462 - (1879/1988) -> accuracy: 94.5171%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (921/990) -> accuracy: 93.0303%

INFO:root: Saved model checkpoints\_temp/model-462 at step 462

INFO:root: Best accuracy 94.5171% at step 462 (1879/1988)

STEP 463 - (1863/1988) -> accuracy: 93.7123%

Class native : (910/998) -> accuracy: 91.1824%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 464 - (1852/1988) -> accuracy: 93.1590%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (882/990) -> accuracy: 89.0909%

STEP 465 - (1852/1988) -> accuracy: 93.1590%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (883/990) -> accuracy: 89.1919%

STEP 466 - (1860/1988) -> accuracy: 93.5614%

Class native : (903/998) -> accuracy: 90.4810%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 467 - (1841/1988) -> accuracy: 92.6056%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (866/990) -> accuracy: 87.4747%

STEP 468 - (1845/1988) -> accuracy: 92.8068%

Class native : (884/998) -> accuracy: 88.5772%

Class non-native : (961/990) -> accuracy: 97.0707%

STEP 469 - (1812/1988) -> accuracy: 91.1469%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (829/990) -> accuracy: 83.7374%

STEP 470 - (1878/1988) -> accuracy: 94.4668%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (930/990) -> accuracy: 93.9394%

STEP 471 - (1880/1988) -> accuracy: 94.5674%

Class native : (947/998) -> accuracy: 94.8898%

Class non-native : (933/990) -> accuracy: 94.2424%

INFO:root: Saved model checkpoints\_temp/model-471 at step 471

INFO:root: Best accuracy 94.5674% at step 471 (1880/1988)

STEP 472 - (1872/1988) -> accuracy: 94.1650%

Class native : (934/998) -> accuracy: 93.5872%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 473 - (1879/1988) -> accuracy: 94.5171%

Class native : (953/998) -> accuracy: 95.4910%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 474 - (1882/1988) -> accuracy: 94.6680%

Class native : (945/998) -> accuracy: 94.6894%

Class non-native : (937/990) -> accuracy: 94.6465%

INFO:root: Saved model checkpoints\_temp/model-474 at step 474

INFO:root: Best accuracy 94.6680% at step 474 (1882/1988)

STEP 475 - (1882/1988) -> accuracy: 94.6680%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (925/990) -> accuracy: 93.4343%

STEP 476 - (1856/1988) -> accuracy: 93.3602%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (887/990) -> accuracy: 89.5960%

STEP 477 - (1823/1988) -> accuracy: 91.7002%

Class native : (858/998) -> accuracy: 85.9719%

Class non-native : (965/990) -> accuracy: 97.4747%

STEP 478 - (1878/1988) -> accuracy: 94.4668%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 479 - (1789/1988) -> accuracy: 89.9899%

Class native : (815/998) -> accuracy: 81.6633%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 480 - (1798/1988) -> accuracy: 90.4427%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (810/990) -> accuracy: 81.8182%

STEP 481 - (1871/1988) -> accuracy: 94.1147%

Class native : (917/998) -> accuracy: 91.8838%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 482 - (1879/1988) -> accuracy: 94.5171%

Class native : (952/998) -> accuracy: 95.3908%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 483 - (1873/1988) -> accuracy: 94.2153%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (910/990) -> accuracy: 91.9192%

STEP 484 - (1871/1988) -> accuracy: 94.1147%

Class native : (920/998) -> accuracy: 92.1844%

Class non-native : (951/990) -> accuracy: 96.0606%

STEP 485 - (1840/1988) -> accuracy: 92.5553%

Class native : (871/998) -> accuracy: 87.2745%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 486 - (1828/1988) -> accuracy: 91.9517%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (848/990) -> accuracy: 85.6566%

STEP 487 - (1769/1988) -> accuracy: 88.9839%

Class native : (793/998) -> accuracy: 79.4589%

Class non-native : (976/990) -> accuracy: 98.5859%

STEP 488 - (1792/1988) -> accuracy: 90.1408%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (801/990) -> accuracy: 80.9091%

STEP 489 - (1860/1988) -> accuracy: 93.5614%

Class native : (901/998) -> accuracy: 90.2806%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 490 - (1859/1988) -> accuracy: 93.5111%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (888/990) -> accuracy: 89.6970%

STEP 491 - (1832/1988) -> accuracy: 92.1529%

Class native : (864/998) -> accuracy: 86.5731%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 492 - (1823/1988) -> accuracy: 91.7002%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (842/990) -> accuracy: 85.0505%

STEP 493 - (1872/1988) -> accuracy: 94.1650%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (906/990) -> accuracy: 91.5152%

STEP 494 - (1882/1988) -> accuracy: 94.6680%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (919/990) -> accuracy: 92.8283%

STEP 495 - (1877/1988) -> accuracy: 94.4165%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 496 - (1880/1988) -> accuracy: 94.5674%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (916/990) -> accuracy: 92.5253%

STEP 497 - (1880/1988) -> accuracy: 94.5674%

Class native : (942/998) -> accuracy: 94.3888%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 498 - (1876/1988) -> accuracy: 94.3662%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (921/990) -> accuracy: 93.0303%

STEP 499 - (1678/1988) -> accuracy: 84.4064%

Class native : (692/998) -> accuracy: 69.3387%

Class non-native : (986/990) -> accuracy: 99.5960%

STEP 500 - (1786/1988) -> accuracy: 89.8390%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (793/990) -> accuracy: 80.1010%

STEP 501 - (1886/1988) -> accuracy: 94.8692%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (940/990) -> accuracy: 94.9495%

INFO:root: Saved model checkpoints\_temp/model-501 at step 501

INFO:root: Best accuracy 94.8692% at step 501 (1886/1988)

STEP 502 - (1876/1988) -> accuracy: 94.3662%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (911/990) -> accuracy: 92.0202%

STEP 503 - (1874/1988) -> accuracy: 94.2656%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 504 - (1882/1988) -> accuracy: 94.6680%

Class native : (942/998) -> accuracy: 94.3888%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 505 - (1882/1988) -> accuracy: 94.6680%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 506 - (1885/1988) -> accuracy: 94.8189%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 507 - (1863/1988) -> accuracy: 93.7123%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (896/990) -> accuracy: 90.5051%

STEP 508 - (1827/1988) -> accuracy: 91.9014%

Class native : (858/998) -> accuracy: 85.9719%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 509 - (1836/1988) -> accuracy: 92.3541%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (857/990) -> accuracy: 86.5657%

STEP 510 - (1753/1988) -> accuracy: 88.1791%

Class native : (771/998) -> accuracy: 77.2545%

Class non-native : (982/990) -> accuracy: 99.1919%

STEP 511 - (1820/1988) -> accuracy: 91.5493%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (832/990) -> accuracy: 84.0404%

STEP 512 - (1852/1988) -> accuracy: 93.1590%

Class native : (889/998) -> accuracy: 89.0782%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 513 - (1874/1988) -> accuracy: 94.2656%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 514 - (1884/1988) -> accuracy: 94.7686%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 515 - (1877/1988) -> accuracy: 94.4165%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (909/990) -> accuracy: 91.8182%

STEP 516 - (1885/1988) -> accuracy: 94.8189%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 517 - (1884/1988) -> accuracy: 94.7686%

Class native : (945/998) -> accuracy: 94.6894%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 518 - (1874/1988) -> accuracy: 94.2656%

Class native : (924/998) -> accuracy: 92.5852%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 519 - (1877/1988) -> accuracy: 94.4165%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 520 - (1883/1988) -> accuracy: 94.7183%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (935/990) -> accuracy: 94.4444%

STEP 521 - (1885/1988) -> accuracy: 94.8189%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 522 - (1822/1988) -> accuracy: 91.6499%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (834/990) -> accuracy: 84.2424%

STEP 523 - (1867/1988) -> accuracy: 93.9135%

Class native : (911/998) -> accuracy: 91.2826%

Class non-native : (956/990) -> accuracy: 96.5657%

STEP 524 - (1842/1988) -> accuracy: 92.6559%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (860/990) -> accuracy: 86.8687%

STEP 525 - (1870/1988) -> accuracy: 94.0644%

Class native : (917/998) -> accuracy: 91.8838%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 526 - (1874/1988) -> accuracy: 94.2656%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (904/990) -> accuracy: 91.3131%

STEP 527 - (1838/1988) -> accuracy: 92.4547%

Class native : (869/998) -> accuracy: 87.0741%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 528 - (1806/1988) -> accuracy: 90.8451%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (815/990) -> accuracy: 82.3232%

STEP 529 - (1781/1988) -> accuracy: 89.5875%

Class native : (804/998) -> accuracy: 80.5611%

Class non-native : (977/990) -> accuracy: 98.6869%

STEP 530 - (1857/1988) -> accuracy: 93.4105%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (881/990) -> accuracy: 88.9899%

STEP 531 - (1878/1988) -> accuracy: 94.4668%

Class native : (933/998) -> accuracy: 93.4870%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 532 - (1857/1988) -> accuracy: 93.4105%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (878/990) -> accuracy: 88.6869%

STEP 533 - (1874/1988) -> accuracy: 94.2656%

Class native : (920/998) -> accuracy: 92.1844%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 534 - (1883/1988) -> accuracy: 94.7183%

Class native : (943/998) -> accuracy: 94.4890%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 535 - (1886/1988) -> accuracy: 94.8692%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 536 - (1885/1988) -> accuracy: 94.8189%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (925/990) -> accuracy: 93.4343%

STEP 537 - (1881/1988) -> accuracy: 94.6177%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 538 - (1852/1988) -> accuracy: 93.1590%

Class native : (889/998) -> accuracy: 89.0782%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 539 - (1841/1988) -> accuracy: 92.6056%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (855/990) -> accuracy: 86.3636%

STEP 540 - (1838/1988) -> accuracy: 92.4547%

Class native : (867/998) -> accuracy: 86.8737%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 541 - (1842/1988) -> accuracy: 92.6559%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (857/990) -> accuracy: 86.5657%

STEP 542 - (1878/1988) -> accuracy: 94.4668%

Class native : (933/998) -> accuracy: 93.4870%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 543 - (1868/1988) -> accuracy: 93.9638%

Class native : (910/998) -> accuracy: 91.1824%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 544 - (1864/1988) -> accuracy: 93.7626%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (884/990) -> accuracy: 89.2929%

STEP 545 - (1873/1988) -> accuracy: 94.2153%

Class native : (918/998) -> accuracy: 91.9840%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 546 - (1802/1988) -> accuracy: 90.6439%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (810/990) -> accuracy: 81.8182%

STEP 547 - (1851/1988) -> accuracy: 93.1087%

Class native : (882/998) -> accuracy: 88.3768%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 548 - (1824/1988) -> accuracy: 91.7505%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (833/990) -> accuracy: 84.1414%

STEP 549 - (1853/1988) -> accuracy: 93.2093%

Class native : (886/998) -> accuracy: 88.7776%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 550 - (1869/1988) -> accuracy: 94.0141%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (893/990) -> accuracy: 90.2020%

STEP 551 - (1879/1988) -> accuracy: 94.5171%

Class native : (936/998) -> accuracy: 93.7876%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 552 - (1876/1988) -> accuracy: 94.3662%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (903/990) -> accuracy: 91.2121%

STEP 553 - (1858/1988) -> accuracy: 93.4608%

Class native : (895/998) -> accuracy: 89.6794%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 554 - (1812/1988) -> accuracy: 91.1469%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (821/990) -> accuracy: 82.9293%

STEP 555 - (1866/1988) -> accuracy: 93.8632%

Class native : (904/998) -> accuracy: 90.5812%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 556 - (1871/1988) -> accuracy: 94.1147%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (895/990) -> accuracy: 90.4040%

STEP 557 - (1869/1988) -> accuracy: 94.0141%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (893/990) -> accuracy: 90.2020%

STEP 558 - (1888/1988) -> accuracy: 94.9698%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (931/990) -> accuracy: 94.0404%

INFO:root: Saved model checkpoints\_temp/model-558 at step 558

INFO:root: Best accuracy 94.9698% at step 558 (1888/1988)

STEP 559 - (1883/1988) -> accuracy: 94.7183%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (916/990) -> accuracy: 92.5253%

STEP 560 - (1886/1988) -> accuracy: 94.8692%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 561 - (1881/1988) -> accuracy: 94.6177%

Class native : (935/998) -> accuracy: 93.6874%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 562 - (1848/1988) -> accuracy: 92.9577%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (864/990) -> accuracy: 87.2727%

STEP 563 - (1861/1988) -> accuracy: 93.6117%

Class native : (892/998) -> accuracy: 89.3788%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 564 - (1883/1988) -> accuracy: 94.7183%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (917/990) -> accuracy: 92.6263%

STEP 565 - (1873/1988) -> accuracy: 94.2153%

Class native : (927/998) -> accuracy: 92.8858%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 566 - (1887/1988) -> accuracy: 94.9195%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 567 - (1828/1988) -> accuracy: 91.9517%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (837/990) -> accuracy: 84.5455%

STEP 568 - (1796/1988) -> accuracy: 90.3421%

Class native : (817/998) -> accuracy: 81.8637%

Class non-native : (979/990) -> accuracy: 98.8889%

STEP 569 - (1881/1988) -> accuracy: 94.6177%

Class native : (937/998) -> accuracy: 93.8878%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 570 - (1877/1988) -> accuracy: 94.4165%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 571 - (1881/1988) -> accuracy: 94.6177%

Class native : (920/998) -> accuracy: 92.1844%

Class non-native : (961/990) -> accuracy: 97.0707%

STEP 572 - (1852/1988) -> accuracy: 93.1590%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (871/990) -> accuracy: 87.9798%

STEP 573 - (1877/1988) -> accuracy: 94.4165%

Class native : (914/998) -> accuracy: 91.5832%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 574 - (1867/1988) -> accuracy: 93.9135%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (890/990) -> accuracy: 89.8990%

STEP 575 - (1889/1988) -> accuracy: 95.0201%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (928/990) -> accuracy: 93.7374%

INFO:root: Saved model checkpoints\_temp/model-575 at step 575

INFO:root: Best accuracy 95.0201% at step 575 (1889/1988)

STEP 576 - (1889/1988) -> accuracy: 95.0201%

Class native : (937/998) -> accuracy: 93.8878%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 577 - (1892/1988) -> accuracy: 95.1710%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (929/990) -> accuracy: 93.8384%

INFO:root: Saved model checkpoints\_temp/model-577 at step 577

INFO:root: Best accuracy 95.1710% at step 577 (1892/1988)

STEP 578 - (1885/1988) -> accuracy: 94.8189%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (910/990) -> accuracy: 91.9192%

STEP 579 - (1886/1988) -> accuracy: 94.8692%

Class native : (943/998) -> accuracy: 94.4890%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 597 - (1887/1988) -> accuracy: 94.9195%

Class native : (947/998) -> accuracy: 94.8898%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 598 - (1881/1988) -> accuracy: 94.6177%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (902/990) -> accuracy: 91.1111%

STEP 599 - (1881/1988) -> accuracy: 94.6177%

Class native : (926/998) -> accuracy: 92.7856%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 600 - (1885/1988) -> accuracy: 94.8189%

Class native : (941/998) -> accuracy: 94.2886%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 601 - (1886/1988) -> accuracy: 94.8692%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 602 - (1879/1988) -> accuracy: 94.5171%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 603 - (1880/1988) -> accuracy: 94.5674%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (905/990) -> accuracy: 91.4141%

STEP 604 - (1887/1988) -> accuracy: 94.9195%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 605 - (1894/1988) -> accuracy: 95.2716%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (944/990) -> accuracy: 95.3535%

INFO:root: Saved model checkpoints\_temp/model-605 at step 605

INFO:root: Best accuracy 95.2716% at step 605 (1894/1988)

STEP 606 - (1881/1988) -> accuracy: 94.6177%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (906/990) -> accuracy: 91.5152%

STEP 607 - (1828/1988) -> accuracy: 91.9517%

Class native : (854/998) -> accuracy: 85.5711%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 608 - (1810/1988) -> accuracy: 91.0463%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (819/990) -> accuracy: 82.7273%

STEP 609 - (1779/1988) -> accuracy: 89.4869%

Class native : (799/998) -> accuracy: 80.0601%

Class non-native : (980/990) -> accuracy: 98.9899%

STEP 610 - (1883/1988) -> accuracy: 94.7183%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 611 - (1890/1988) -> accuracy: 95.0704%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (930/990) -> accuracy: 93.9394%

STEP 612 - (1886/1988) -> accuracy: 94.8692%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 613 - (1888/1988) -> accuracy: 94.9698%

Class native : (956/998) -> accuracy: 95.7916%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 614 - (1879/1988) -> accuracy: 94.5171%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (905/990) -> accuracy: 91.4141%

STEP 615 - (1867/1988) -> accuracy: 93.9135%

Class native : (903/998) -> accuracy: 90.4810%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 616 - (1860/1988) -> accuracy: 93.5614%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (875/990) -> accuracy: 88.3838%

STEP 617 - (1882/1988) -> accuracy: 94.6680%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 618 - (1886/1988) -> accuracy: 94.8692%

Class native : (943/998) -> accuracy: 94.4890%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 619 - (1886/1988) -> accuracy: 94.8692%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 620 - (1876/1988) -> accuracy: 94.3662%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (901/990) -> accuracy: 91.0101%

STEP 621 - (1874/1988) -> accuracy: 94.2656%

Class native : (918/998) -> accuracy: 91.9840%

Class non-native : (956/990) -> accuracy: 96.5657%

STEP 622 - (1879/1988) -> accuracy: 94.5171%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (900/990) -> accuracy: 90.9091%

STEP 623 - (1852/1988) -> accuracy: 93.1590%

Class native : (882/998) -> accuracy: 88.3768%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 624 - (1743/1988) -> accuracy: 87.6761%

Class native : (994/998) -> accuracy: 99.5992%

Class non-native : (749/990) -> accuracy: 75.6566%

STEP 625 - (1812/1988) -> accuracy: 91.1469%

Class native : (834/998) -> accuracy: 83.5671%

Class non-native : (978/990) -> accuracy: 98.7879%

STEP 626 - (1883/1988) -> accuracy: 94.7183%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (913/990) -> accuracy: 92.2222%

STEP 627 - (1884/1988) -> accuracy: 94.7686%

Class native : (937/998) -> accuracy: 93.8878%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 628 - (1890/1988) -> accuracy: 95.0704%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (935/990) -> accuracy: 94.4444%

STEP 629 - (1883/1988) -> accuracy: 94.7183%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (919/990) -> accuracy: 92.8283%

STEP 630 - (1860/1988) -> accuracy: 93.5614%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (877/990) -> accuracy: 88.5859%

STEP 631 - (1859/1988) -> accuracy: 93.5111%

Class native : (890/998) -> accuracy: 89.1784%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 632 - (1872/1988) -> accuracy: 94.1650%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (891/990) -> accuracy: 90.0000%

STEP 633 - (1887/1988) -> accuracy: 94.9195%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 634 - (1886/1988) -> accuracy: 94.8692%

Class native : (934/998) -> accuracy: 93.5872%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 635 - (1892/1988) -> accuracy: 95.1710%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 636 - (1885/1988) -> accuracy: 94.8189%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 637 - (1896/1988) -> accuracy: 95.3722%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (946/990) -> accuracy: 95.5556%

INFO:root: Saved model checkpoints\_temp/model-637 at step 637

INFO:root: Best accuracy 95.3722% at step 637 (1896/1988)

STEP 638 - (1892/1988) -> accuracy: 95.1710%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 639 - (1802/1988) -> accuracy: 90.6439%

Class native : (823/998) -> accuracy: 82.4649%

Class non-native : (979/990) -> accuracy: 98.8889%

STEP 640 - (1836/1988) -> accuracy: 92.3541%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (845/990) -> accuracy: 85.3535%

STEP 641 - (1885/1988) -> accuracy: 94.8189%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 642 - (1891/1988) -> accuracy: 95.1207%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 643 - (1892/1988) -> accuracy: 95.1710%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 644 - (1887/1988) -> accuracy: 94.9195%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 645 - (1872/1988) -> accuracy: 94.1650%

Class native : (906/998) -> accuracy: 90.7816%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 646 - (1821/1988) -> accuracy: 91.5996%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (830/990) -> accuracy: 83.8384%

STEP 647 - (1890/1988) -> accuracy: 95.0704%

Class native : (939/998) -> accuracy: 94.0882%

Class non-native : (951/990) -> accuracy: 96.0606%

STEP 648 - (1868/1988) -> accuracy: 93.9638%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (884/990) -> accuracy: 89.2929%

STEP 649 - (1879/1988) -> accuracy: 94.5171%

Class native : (912/998) -> accuracy: 91.3828%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 650 - (1877/1988) -> accuracy: 94.4165%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (892/990) -> accuracy: 90.1010%

STEP 651 - (1887/1988) -> accuracy: 94.9195%

Class native : (930/998) -> accuracy: 93.1864%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 652 - (1872/1988) -> accuracy: 94.1650%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (888/990) -> accuracy: 89.6970%

STEP 653 - (1890/1988) -> accuracy: 95.0704%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 654 - (1862/1988) -> accuracy: 93.6620%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (875/990) -> accuracy: 88.3838%

STEP 655 - (1868/1988) -> accuracy: 93.9638%

Class native : (901/998) -> accuracy: 90.2806%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 656 - (1827/1988) -> accuracy: 91.9014%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (836/990) -> accuracy: 84.4444%

STEP 657 - (1881/1988) -> accuracy: 94.6177%

Class native : (923/998) -> accuracy: 92.4850%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 658 - (1881/1988) -> accuracy: 94.6177%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (902/990) -> accuracy: 91.1111%

STEP 659 - (1891/1988) -> accuracy: 95.1207%

Class native : (936/998) -> accuracy: 93.7876%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 660 - (1882/1988) -> accuracy: 94.6680%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (903/990) -> accuracy: 91.2121%

STEP 661 - (1891/1988) -> accuracy: 95.1207%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 662 - (1892/1988) -> accuracy: 95.1710%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 663 - (1872/1988) -> accuracy: 94.1650%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (887/990) -> accuracy: 89.5960%

STEP 664 - (1868/1988) -> accuracy: 93.9638%

Class native : (897/998) -> accuracy: 89.8798%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 665 - (1869/1988) -> accuracy: 94.0141%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (885/990) -> accuracy: 89.3939%

STEP 666 - (1884/1988) -> accuracy: 94.7686%

Class native : (920/998) -> accuracy: 92.1844%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 667 - (1886/1988) -> accuracy: 94.8692%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 668 - (1890/1988) -> accuracy: 95.0704%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (917/990) -> accuracy: 92.6263%

STEP 669 - (1849/1988) -> accuracy: 93.0080%

Class native : (875/998) -> accuracy: 87.6754%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 670 - (1892/1988) -> accuracy: 95.1710%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 671 - (1885/1988) -> accuracy: 94.8189%

Class native : (928/998) -> accuracy: 92.9860%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 672 - (1876/1988) -> accuracy: 94.3662%

Class native : (907/998) -> accuracy: 90.8818%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 673 - (1894/1988) -> accuracy: 95.2716%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (921/990) -> accuracy: 93.0303%

STEP 674 - (1888/1988) -> accuracy: 94.9698%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 675 - (1885/1988) -> accuracy: 94.8189%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (903/990) -> accuracy: 91.2121%

STEP 676 - (1893/1988) -> accuracy: 95.2213%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 677 - (1894/1988) -> accuracy: 95.2716%

Class native : (952/998) -> accuracy: 95.3908%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 678 - (1889/1988) -> accuracy: 95.0201%

Class native : (928/998) -> accuracy: 92.9860%

Class non-native : (961/990) -> accuracy: 97.0707%

STEP 679 - (1884/1988) -> accuracy: 94.7686%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (906/990) -> accuracy: 91.5152%

STEP 680 - (1893/1988) -> accuracy: 95.2213%

Class native : (931/998) -> accuracy: 93.2866%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 681 - (1830/1988) -> accuracy: 92.0523%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (839/990) -> accuracy: 84.7475%

STEP 682 - (1835/1988) -> accuracy: 92.3038%

Class native : (857/998) -> accuracy: 85.8717%

Class non-native : (978/990) -> accuracy: 98.7879%

STEP 683 - (1876/1988) -> accuracy: 94.3662%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (893/990) -> accuracy: 90.2020%

STEP 684 - (1893/1988) -> accuracy: 95.2213%

Class native : (938/998) -> accuracy: 93.9880%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 685 - (1889/1988) -> accuracy: 95.0201%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (913/990) -> accuracy: 92.2222%

STEP 686 - (1898/1988) -> accuracy: 95.4728%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (933/990) -> accuracy: 94.2424%

INFO:root: Saved model checkpoints\_temp/model-686 at step 686

INFO:root: Best accuracy 95.4728% at step 686 (1898/1988)

STEP 687 - (1894/1988) -> accuracy: 95.2716%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 688 - (1897/1988) -> accuracy: 95.4225%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 689 - (1891/1988) -> accuracy: 95.1207%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 690 - (1876/1988) -> accuracy: 94.3662%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (892/990) -> accuracy: 90.1010%

STEP 691 - (1868/1988) -> accuracy: 93.9638%

Class native : (896/998) -> accuracy: 89.7796%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 692 - (1859/1988) -> accuracy: 93.5111%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (871/990) -> accuracy: 87.9798%

STEP 693 - (1885/1988) -> accuracy: 94.8189%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 694 - (1896/1988) -> accuracy: 95.3722%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 695 - (1890/1988) -> accuracy: 95.0704%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (916/990) -> accuracy: 92.5253%

STEP 696 - (1898/1988) -> accuracy: 95.4728%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 697 - (1877/1988) -> accuracy: 94.4165%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (893/990) -> accuracy: 90.2020%

STEP 698 - (1894/1988) -> accuracy: 95.2716%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 699 - (1896/1988) -> accuracy: 95.3722%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 700 - (1899/1988) -> accuracy: 95.5231%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (942/990) -> accuracy: 95.1515%

INFO:root: Saved model checkpoints\_temp/model-700 at step 700

INFO:root: Best accuracy 95.5231% at step 700 (1899/1988)

STEP 701 - (1894/1988) -> accuracy: 95.2716%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 702 - (1893/1988) -> accuracy: 95.2213%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 703 - (1893/1988) -> accuracy: 95.2213%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 704 - (1892/1988) -> accuracy: 95.1710%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (935/990) -> accuracy: 94.4444%

STEP 705 - (1898/1988) -> accuracy: 95.4728%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 706 - (1849/1988) -> accuracy: 93.0080%

Class native : (872/998) -> accuracy: 87.3747%

Class non-native : (977/990) -> accuracy: 98.6869%

STEP 707 - (1788/1988) -> accuracy: 89.9396%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (795/990) -> accuracy: 80.3030%

STEP 708 - (1830/1988) -> accuracy: 92.0523%

Class native : (851/998) -> accuracy: 85.2705%

Class non-native : (979/990) -> accuracy: 98.8889%

STEP 709 - (1882/1988) -> accuracy: 94.6680%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (901/990) -> accuracy: 91.0101%

STEP 710 - (1892/1988) -> accuracy: 95.1710%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 711 - (1894/1988) -> accuracy: 95.2716%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 712 - (1883/1988) -> accuracy: 94.7183%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (901/990) -> accuracy: 91.0101%

STEP 713 - (1893/1988) -> accuracy: 95.2213%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 714 - (1882/1988) -> accuracy: 94.6680%

Class native : (915/998) -> accuracy: 91.6834%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 715 - (1872/1988) -> accuracy: 94.1650%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (885/990) -> accuracy: 89.3939%

STEP 716 - (1897/1988) -> accuracy: 95.4225%

Class native : (943/998) -> accuracy: 94.4890%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 717 - (1899/1988) -> accuracy: 95.5231%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 718 - (1889/1988) -> accuracy: 95.0201%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (908/990) -> accuracy: 91.7172%

STEP 719 - (1900/1988) -> accuracy: 95.5734%

Class native : (953/998) -> accuracy: 95.4910%

Class non-native : (947/990) -> accuracy: 95.6566%

INFO:root: Saved model checkpoints\_temp/model-719 at step 719

INFO:root: Best accuracy 95.5734% at step 719 (1900/1988)

STEP 720 - (1889/1988) -> accuracy: 95.0201%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (905/990) -> accuracy: 91.4141%

STEP 721 - (1786/1988) -> accuracy: 89.8390%

Class native : (802/998) -> accuracy: 80.3607%

Class non-native : (984/990) -> accuracy: 99.3939%

STEP 722 - (1879/1988) -> accuracy: 94.5171%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (896/990) -> accuracy: 90.5051%

STEP 723 - (1901/1988) -> accuracy: 95.6237%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (955/990) -> accuracy: 96.4646%

INFO:root: Saved model checkpoints\_temp/model-723 at step 723

INFO:root: Best accuracy 95.6237% at step 723 (1901/1988)

STEP 724 - (1895/1988) -> accuracy: 95.3219%

Class native : (956/998) -> accuracy: 95.7916%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 725 - (1860/1988) -> accuracy: 93.5614%

Class native : (888/998) -> accuracy: 88.9780%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 726 - (1892/1988) -> accuracy: 95.1710%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (916/990) -> accuracy: 92.5253%

STEP 727 - (1860/1988) -> accuracy: 93.5614%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (872/990) -> accuracy: 88.0808%

STEP 728 - (1892/1988) -> accuracy: 95.1710%

Class native : (929/998) -> accuracy: 93.0862%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 729 - (1862/1988) -> accuracy: 93.6620%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (873/990) -> accuracy: 88.1818%

STEP 730 - (1898/1988) -> accuracy: 95.4728%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (931/990) -> accuracy: 94.0404%

STEP 731 - (1892/1988) -> accuracy: 95.1710%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (919/990) -> accuracy: 92.8283%

STEP 732 - (1905/1988) -> accuracy: 95.8249%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (943/990) -> accuracy: 95.2525%

INFO:root: Saved model checkpoints\_temp/model-732 at step 732

INFO:root: Best accuracy 95.8249% at step 732 (1905/1988)

STEP 733 - (1867/1988) -> accuracy: 93.9135%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (879/990) -> accuracy: 88.7879%

STEP 734 - (1875/1988) -> accuracy: 94.3159%

Class native : (905/998) -> accuracy: 90.6814%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 735 - (1879/1988) -> accuracy: 94.5171%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (893/990) -> accuracy: 90.2020%

STEP 736 - (1908/1988) -> accuracy: 95.9759%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (941/990) -> accuracy: 95.0505%

INFO:root: Saved model checkpoints\_temp/model-736 at step 736

INFO:root: Best accuracy 95.9759% at step 736 (1908/1988)

STEP 737 - (1896/1988) -> accuracy: 95.3722%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 738 - (1902/1988) -> accuracy: 95.6740%

Class native : (940/998) -> accuracy: 94.1884%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 739 - (1846/1988) -> accuracy: 92.8571%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (854/990) -> accuracy: 86.2626%

STEP 740 - (1891/1988) -> accuracy: 95.1207%

Class native : (924/998) -> accuracy: 92.5852%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 741 - (1875/1988) -> accuracy: 94.3159%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (888/990) -> accuracy: 89.6970%

STEP 742 - (1884/1988) -> accuracy: 94.7686%

Class native : (916/998) -> accuracy: 91.7836%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 743 - (1891/1988) -> accuracy: 95.1207%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (910/990) -> accuracy: 91.9192%

STEP 744 - (1907/1988) -> accuracy: 95.9256%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 745 - (1904/1988) -> accuracy: 95.7746%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 746 - (1895/1988) -> accuracy: 95.3219%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (917/990) -> accuracy: 92.6263%

STEP 747 - (1906/1988) -> accuracy: 95.8753%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 748 - (1904/1988) -> accuracy: 95.7746%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 749 - (1896/1988) -> accuracy: 95.3722%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 750 - (1904/1988) -> accuracy: 95.7746%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 751 - (1899/1988) -> accuracy: 95.5231%

Class native : (935/998) -> accuracy: 93.6874%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 752 - (1747/1988) -> accuracy: 87.8773%

Class native : (995/998) -> accuracy: 99.6994%

Class non-native : (752/990) -> accuracy: 75.9596%

STEP 753 - (1868/1988) -> accuracy: 93.9638%

Class native : (897/998) -> accuracy: 89.8798%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 754 - (1893/1988) -> accuracy: 95.2213%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (911/990) -> accuracy: 92.0202%

STEP 755 - (1903/1988) -> accuracy: 95.7243%

Class native : (947/998) -> accuracy: 94.8898%

Class non-native : (956/990) -> accuracy: 96.5657%

STEP 756 - (1890/1988) -> accuracy: 95.0704%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 757 - (1902/1988) -> accuracy: 95.6740%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 758 - (1908/1988) -> accuracy: 95.9759%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 759 - (1903/1988) -> accuracy: 95.7243%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 760 - (1910/1988) -> accuracy: 96.0765%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (944/990) -> accuracy: 95.3535%

INFO:root: Saved model checkpoints\_temp/model-760 at step 760

INFO:root: Best accuracy 96.0765% at step 760 (1910/1988)

STEP 761 - (1904/1988) -> accuracy: 95.7746%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 762 - (1905/1988) -> accuracy: 95.8249%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 763 - (1902/1988) -> accuracy: 95.6740%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 764 - (1897/1988) -> accuracy: 95.4225%

Class native : (935/998) -> accuracy: 93.6874%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 765 - (1878/1988) -> accuracy: 94.4668%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (892/990) -> accuracy: 90.1010%

STEP 766 - (1890/1988) -> accuracy: 95.0704%

Class native : (924/998) -> accuracy: 92.5852%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 767 - (1891/1988) -> accuracy: 95.1207%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (911/990) -> accuracy: 92.0202%

STEP 768 - (1880/1988) -> accuracy: 94.5674%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (896/990) -> accuracy: 90.5051%

STEP 769 - (1882/1988) -> accuracy: 94.6680%

Class native : (912/998) -> accuracy: 91.3828%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 770 - (1878/1988) -> accuracy: 94.4668%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (891/990) -> accuracy: 90.0000%

STEP 771 - (1870/1988) -> accuracy: 94.0644%

Class native : (897/998) -> accuracy: 89.8798%

Class non-native : (973/990) -> accuracy: 98.2828%

STEP 772 - (1894/1988) -> accuracy: 95.2716%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 773 - (1909/1988) -> accuracy: 96.0262%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 774 - (1875/1988) -> accuracy: 94.3159%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (888/990) -> accuracy: 89.6970%

STEP 775 - (1876/1988) -> accuracy: 94.3662%

Class native : (906/998) -> accuracy: 90.7816%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 776 - (1870/1988) -> accuracy: 94.0644%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (883/990) -> accuracy: 89.1919%

STEP 777 - (1893/1988) -> accuracy: 95.2213%

Class native : (933/998) -> accuracy: 93.4870%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 778 - (1894/1988) -> accuracy: 95.2716%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (910/990) -> accuracy: 91.9192%

STEP 779 - (1903/1988) -> accuracy: 95.7243%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 780 - (1864/1988) -> accuracy: 93.7626%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (877/990) -> accuracy: 88.5859%

STEP 781 - (1895/1988) -> accuracy: 95.3219%

Class native : (935/998) -> accuracy: 93.6874%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 782 - (1898/1988) -> accuracy: 95.4728%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 783 - (1904/1988) -> accuracy: 95.7746%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 784 - (1905/1988) -> accuracy: 95.8249%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 785 - (1906/1988) -> accuracy: 95.8753%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 786 - (1903/1988) -> accuracy: 95.7243%

Class native : (944/998) -> accuracy: 94.5892%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 787 - (1872/1988) -> accuracy: 94.1650%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (883/990) -> accuracy: 89.1919%

STEP 788 - (1879/1988) -> accuracy: 94.5171%

Class native : (910/998) -> accuracy: 91.1824%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 789 - (1897/1988) -> accuracy: 95.4225%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (919/990) -> accuracy: 92.8283%

STEP 790 - (1900/1988) -> accuracy: 95.5734%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 791 - (1904/1988) -> accuracy: 95.7746%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 792 - (1904/1988) -> accuracy: 95.7746%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 793 - (1898/1988) -> accuracy: 95.4728%

Class native : (941/998) -> accuracy: 94.2886%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 794 - (1894/1988) -> accuracy: 95.2716%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 795 - (1900/1988) -> accuracy: 95.5734%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 796 - (1889/1988) -> accuracy: 95.0201%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 797 - (1867/1988) -> accuracy: 93.9135%

Class native : (895/998) -> accuracy: 89.6794%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 798 - (1858/1988) -> accuracy: 93.4608%

Class native : (990/998) -> accuracy: 99.1984%

Class non-native : (868/990) -> accuracy: 87.6768%

STEP 799 - (1893/1988) -> accuracy: 95.2213%

Class native : (930/998) -> accuracy: 93.1864%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 800 - (1867/1988) -> accuracy: 93.9135%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (879/990) -> accuracy: 88.7879%

STEP 801 - (1894/1988) -> accuracy: 95.2716%

Class native : (932/998) -> accuracy: 93.3868%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 802 - (1888/1988) -> accuracy: 94.9698%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (904/990) -> accuracy: 91.3131%

STEP 803 - (1890/1988) -> accuracy: 95.0704%

Class native : (923/998) -> accuracy: 92.4850%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 804 - (1900/1988) -> accuracy: 95.5734%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 805 - (1900/1988) -> accuracy: 95.5734%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 806 - (1868/1988) -> accuracy: 93.9638%

Class native : (897/998) -> accuracy: 89.8798%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 807 - (1874/1988) -> accuracy: 94.2656%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (887/990) -> accuracy: 89.5960%

STEP 808 - (1879/1988) -> accuracy: 94.5171%

Class native : (909/998) -> accuracy: 91.0822%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 809 - (1882/1988) -> accuracy: 94.6680%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (896/990) -> accuracy: 90.5051%

STEP 810 - (1903/1988) -> accuracy: 95.7243%

Class native : (959/998) -> accuracy: 96.0922%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 811 - (1893/1988) -> accuracy: 95.2213%

Class native : (926/998) -> accuracy: 92.7856%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 812 - (1888/1988) -> accuracy: 94.9698%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (901/990) -> accuracy: 91.0101%

STEP 813 - (1906/1988) -> accuracy: 95.8753%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 814 - (1898/1988) -> accuracy: 95.4728%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (919/990) -> accuracy: 92.8283%

STEP 815 - (1902/1988) -> accuracy: 95.6740%

Class native : (956/998) -> accuracy: 95.7916%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 816 - (1872/1988) -> accuracy: 94.1650%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (885/990) -> accuracy: 89.3939%

STEP 817 - (1898/1988) -> accuracy: 95.4728%

Class native : (953/998) -> accuracy: 95.4910%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 818 - (1857/1988) -> accuracy: 93.4105%

Class native : (990/998) -> accuracy: 99.1984%

Class non-native : (867/990) -> accuracy: 87.5758%

STEP 819 - (1892/1988) -> accuracy: 95.1710%

Class native : (928/998) -> accuracy: 92.9860%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 820 - (1897/1988) -> accuracy: 95.4225%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (916/990) -> accuracy: 92.5253%

STEP 821 - (1899/1988) -> accuracy: 95.5231%

Class native : (943/998) -> accuracy: 94.4890%

Class non-native : (956/990) -> accuracy: 96.5657%

STEP 822 - (1903/1988) -> accuracy: 95.7243%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 823 - (1909/1988) -> accuracy: 96.0262%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 824 - (1895/1988) -> accuracy: 95.3219%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (911/990) -> accuracy: 92.0202%

STEP 825 - (1891/1988) -> accuracy: 95.1207%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 826 - (1868/1988) -> accuracy: 93.9638%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (881/990) -> accuracy: 88.9899%

STEP 827 - (1879/1988) -> accuracy: 94.5171%

Class native : (907/998) -> accuracy: 90.8818%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 828 - (1854/1988) -> accuracy: 93.2596%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (863/990) -> accuracy: 87.1717%

STEP 829 - (1904/1988) -> accuracy: 95.7746%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 830 - (1891/1988) -> accuracy: 95.1207%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 831 - (1891/1988) -> accuracy: 95.1207%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (908/990) -> accuracy: 91.7172%

STEP 832 - (1897/1988) -> accuracy: 95.4225%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (925/990) -> accuracy: 93.4343%

STEP 833 - (1876/1988) -> accuracy: 94.3662%

Class native : (905/998) -> accuracy: 90.6814%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 834 - (1895/1988) -> accuracy: 95.3219%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 835 - (1906/1988) -> accuracy: 95.8753%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 836 - (1871/1988) -> accuracy: 94.1147%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (880/990) -> accuracy: 88.8889%

STEP 837 - (1876/1988) -> accuracy: 94.3662%

Class native : (903/998) -> accuracy: 90.4810%

Class non-native : (973/990) -> accuracy: 98.2828%

STEP 838 - (1889/1988) -> accuracy: 95.0201%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (903/990) -> accuracy: 91.2121%

STEP 839 - (1903/1988) -> accuracy: 95.7243%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 840 - (1899/1988) -> accuracy: 95.5231%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (930/990) -> accuracy: 93.9394%

STEP 841 - (1901/1988) -> accuracy: 95.6237%

Class native : (937/998) -> accuracy: 93.8878%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 842 - (1900/1988) -> accuracy: 95.5734%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 843 - (1908/1988) -> accuracy: 95.9759%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 844 - (1862/1988) -> accuracy: 93.6620%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (873/990) -> accuracy: 88.1818%

STEP 845 - (1895/1988) -> accuracy: 95.3219%

Class native : (926/998) -> accuracy: 92.7856%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 846 - (1859/1988) -> accuracy: 93.5111%

Class native : (990/998) -> accuracy: 99.1984%

Class non-native : (869/990) -> accuracy: 87.7778%

STEP 847 - (1899/1988) -> accuracy: 95.5231%

Class native : (929/998) -> accuracy: 93.0862%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 848 - (1900/1988) -> accuracy: 95.5734%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 849 - (1910/1988) -> accuracy: 96.0765%

Class native : (952/998) -> accuracy: 95.3908%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 850 - (1873/1988) -> accuracy: 94.2153%

Class native : (990/998) -> accuracy: 99.1984%

Class non-native : (883/990) -> accuracy: 89.1919%

STEP 851 - (1911/1988) -> accuracy: 96.1268%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (953/990) -> accuracy: 96.2626%

INFO:root: Saved model checkpoints\_temp/model-851 at step 851

INFO:root: Best accuracy 96.1268% at step 851 (1911/1988)

STEP 852 - (1907/1988) -> accuracy: 95.9256%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 853 - (1906/1988) -> accuracy: 95.8753%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 854 - (1906/1988) -> accuracy: 95.8753%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 855 - (1891/1988) -> accuracy: 95.1207%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 856 - (1874/1988) -> accuracy: 94.2656%

Class native : (902/998) -> accuracy: 90.3808%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 857 - (1875/1988) -> accuracy: 94.3159%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (887/990) -> accuracy: 89.5960%

STEP 858 - (1904/1988) -> accuracy: 95.7746%

Class native : (941/998) -> accuracy: 94.2886%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 859 - (1904/1988) -> accuracy: 95.7746%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 860 - (1879/1988) -> accuracy: 94.5171%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (891/990) -> accuracy: 90.0000%

STEP 861 - (1895/1988) -> accuracy: 95.3219%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 862 - (1897/1988) -> accuracy: 95.4225%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 863 - (1907/1988) -> accuracy: 95.9256%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (961/990) -> accuracy: 97.0707%

STEP 864 - (1909/1988) -> accuracy: 96.0262%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 865 - (1875/1988) -> accuracy: 94.3159%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (887/990) -> accuracy: 89.5960%

STEP 866 - (1896/1988) -> accuracy: 95.3722%

Class native : (932/998) -> accuracy: 93.3868%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 867 - (1861/1988) -> accuracy: 93.6117%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (872/990) -> accuracy: 88.0808%

STEP 868 - (1896/1988) -> accuracy: 95.3722%

Class native : (929/998) -> accuracy: 93.0862%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 869 - (1904/1988) -> accuracy: 95.7746%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 870 - (1911/1988) -> accuracy: 96.1268%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 871 - (1905/1988) -> accuracy: 95.8249%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (931/990) -> accuracy: 94.0404%

STEP 872 - (1848/1988) -> accuracy: 92.9577%

Class native : (869/998) -> accuracy: 87.0741%

Class non-native : (979/990) -> accuracy: 98.8889%

STEP 873 - (1831/1988) -> accuracy: 92.1026%

Class native : (994/998) -> accuracy: 99.5992%

Class non-native : (837/990) -> accuracy: 84.5455%

STEP 874 - (1914/1988) -> accuracy: 96.2777%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (949/990) -> accuracy: 95.8586%

INFO:root: Saved model checkpoints\_temp/model-874 at step 874

INFO:root: Best accuracy 96.2777% at step 874 (1914/1988)

STEP 875 - (1907/1988) -> accuracy: 95.9256%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 876 - (1906/1988) -> accuracy: 95.8753%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 877 - (1916/1988) -> accuracy: 96.3783%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (954/990) -> accuracy: 96.3636%

INFO:root: Saved model checkpoints\_temp/model-877 at step 877

INFO:root: Best accuracy 96.3783% at step 877 (1916/1988)

STEP 878 - (1908/1988) -> accuracy: 95.9759%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 879 - (1909/1988) -> accuracy: 96.0262%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 880 - (1906/1988) -> accuracy: 95.8753%

Class native : (938/998) -> accuracy: 93.9880%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 881 - (1904/1988) -> accuracy: 95.7746%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 882 - (1910/1988) -> accuracy: 96.0765%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 883 - (1876/1988) -> accuracy: 94.3662%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (888/990) -> accuracy: 89.6970%

STEP 884 - (1859/1988) -> accuracy: 93.5111%

Class native : (884/998) -> accuracy: 88.5772%

Class non-native : (975/990) -> accuracy: 98.4848%

STEP 885 - (1907/1988) -> accuracy: 95.9256%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 886 - (1900/1988) -> accuracy: 95.5734%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (919/990) -> accuracy: 92.8283%

STEP 887 - (1910/1988) -> accuracy: 96.0765%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 888 - (1912/1988) -> accuracy: 96.1771%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 889 - (1902/1988) -> accuracy: 95.6740%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 890 - (1895/1988) -> accuracy: 95.3219%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 891 - (1908/1988) -> accuracy: 95.9759%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 892 - (1902/1988) -> accuracy: 95.6740%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (917/990) -> accuracy: 92.6263%

STEP 893 - (1896/1988) -> accuracy: 95.3722%

Class native : (928/998) -> accuracy: 92.9860%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 894 - (1908/1988) -> accuracy: 95.9759%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 895 - (1906/1988) -> accuracy: 95.8753%

Class native : (941/998) -> accuracy: 94.2886%

Class non-native : (965/990) -> accuracy: 97.4747%

STEP 896 - (1914/1988) -> accuracy: 96.2777%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 897 - (1916/1988) -> accuracy: 96.3783%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 898 - (1911/1988) -> accuracy: 96.1268%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 899 - (1910/1988) -> accuracy: 96.0765%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 900 - (1829/1988) -> accuracy: 92.0020%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (836/990) -> accuracy: 84.4444%

STEP 901 - (1916/1988) -> accuracy: 96.3783%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 902 - (1911/1988) -> accuracy: 96.1268%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 903 - (1884/1988) -> accuracy: 94.7686%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (897/990) -> accuracy: 90.6061%

STEP 904 - (1862/1988) -> accuracy: 93.6620%

Class native : (886/998) -> accuracy: 88.7776%

Class non-native : (976/990) -> accuracy: 98.5859%

STEP 905 - (1909/1988) -> accuracy: 96.0262%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 906 - (1911/1988) -> accuracy: 96.1268%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 907 - (1902/1988) -> accuracy: 95.6740%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 908 - (1914/1988) -> accuracy: 96.2777%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 909 - (1862/1988) -> accuracy: 93.6620%

Class native : (990/998) -> accuracy: 99.1984%

Class non-native : (872/990) -> accuracy: 88.0808%

STEP 910 - (1837/1988) -> accuracy: 92.4044%

Class native : (860/998) -> accuracy: 86.1723%

Class non-native : (977/990) -> accuracy: 98.6869%

STEP 911 - (1863/1988) -> accuracy: 93.7123%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (871/990) -> accuracy: 87.9798%

STEP 912 - (1897/1988) -> accuracy: 95.4225%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 913 - (1901/1988) -> accuracy: 95.6237%

Class native : (931/998) -> accuracy: 93.2866%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 914 - (1915/1988) -> accuracy: 96.3280%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 915 - (1915/1988) -> accuracy: 96.3280%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 916 - (1912/1988) -> accuracy: 96.1771%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 917 - (1910/1988) -> accuracy: 96.0765%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 918 - (1909/1988) -> accuracy: 96.0262%

Class native : (952/998) -> accuracy: 95.3908%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 919 - (1879/1988) -> accuracy: 94.5171%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (893/990) -> accuracy: 90.2020%

STEP 920 - (1913/1988) -> accuracy: 96.2274%

Class native : (956/998) -> accuracy: 95.7916%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 921 - (1914/1988) -> accuracy: 96.2777%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 922 - (1913/1988) -> accuracy: 96.2274%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 923 - (1909/1988) -> accuracy: 96.0262%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 924 - (1913/1988) -> accuracy: 96.2274%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 925 - (1900/1988) -> accuracy: 95.5734%

Class native : (932/998) -> accuracy: 93.3868%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 926 - (1912/1988) -> accuracy: 96.1771%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 927 - (1897/1988) -> accuracy: 95.4225%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 928 - (1909/1988) -> accuracy: 96.0262%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 929 - (1907/1988) -> accuracy: 95.9256%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 930 - (1880/1988) -> accuracy: 94.5674%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (893/990) -> accuracy: 90.2020%

STEP 931 - (1904/1988) -> accuracy: 95.7746%

Class native : (944/998) -> accuracy: 94.5892%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 932 - (1856/1988) -> accuracy: 93.3602%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (863/990) -> accuracy: 87.1717%

STEP 933 - (1856/1988) -> accuracy: 93.3602%

Class native : (879/998) -> accuracy: 88.0762%

Class non-native : (977/990) -> accuracy: 98.6869%

STEP 934 - (1872/1988) -> accuracy: 94.1650%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (883/990) -> accuracy: 89.1919%

STEP 935 - (1903/1988) -> accuracy: 95.7243%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 936 - (1885/1988) -> accuracy: 94.8189%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (899/990) -> accuracy: 90.8081%

STEP 937 - (1903/1988) -> accuracy: 95.7243%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 938 - (1910/1988) -> accuracy: 96.0765%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 939 - (1847/1988) -> accuracy: 92.9074%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (854/990) -> accuracy: 86.2626%

STEP 940 - (1898/1988) -> accuracy: 95.4728%

Class native : (932/998) -> accuracy: 93.3868%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 941 - (1855/1988) -> accuracy: 93.3099%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (864/990) -> accuracy: 87.2727%

STEP 942 - (1898/1988) -> accuracy: 95.4728%

Class native : (929/998) -> accuracy: 93.0862%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 943 - (1910/1988) -> accuracy: 96.0765%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 944 - (1891/1988) -> accuracy: 95.1207%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (905/990) -> accuracy: 91.4141%

STEP 945 - (1908/1988) -> accuracy: 95.9759%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (935/990) -> accuracy: 94.4444%

STEP 946 - (1875/1988) -> accuracy: 94.3159%

Class native : (902/998) -> accuracy: 90.3808%

Class non-native : (973/990) -> accuracy: 98.2828%

STEP 947 - (1897/1988) -> accuracy: 95.4225%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 948 - (1906/1988) -> accuracy: 95.8753%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 949 - (1902/1988) -> accuracy: 95.6740%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (919/990) -> accuracy: 92.8283%

STEP 950 - (1912/1988) -> accuracy: 96.1771%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 951 - (1912/1988) -> accuracy: 96.1771%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 952 - (1910/1988) -> accuracy: 96.0765%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 953 - (1904/1988) -> accuracy: 95.7746%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 954 - (1866/1988) -> accuracy: 93.8632%

Class native : (892/998) -> accuracy: 89.3788%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 955 - (1904/1988) -> accuracy: 95.7746%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 956 - (1913/1988) -> accuracy: 96.2274%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 957 - (1907/1988) -> accuracy: 95.9256%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 958 - (1904/1988) -> accuracy: 95.7746%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (917/990) -> accuracy: 92.6263%

STEP 959 - (1905/1988) -> accuracy: 95.8249%

Class native : (944/998) -> accuracy: 94.5892%

Class non-native : (961/990) -> accuracy: 97.0707%

STEP 960 - (1890/1988) -> accuracy: 95.0704%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (902/990) -> accuracy: 91.1111%

STEP 961 - (1902/1988) -> accuracy: 95.6740%

Class native : (942/998) -> accuracy: 94.3888%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 962 - (1850/1988) -> accuracy: 93.0584%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (857/990) -> accuracy: 86.5657%

STEP 963 - (1888/1988) -> accuracy: 94.9698%

Class native : (920/998) -> accuracy: 92.1844%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 964 - (1914/1988) -> accuracy: 96.2777%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (956/990) -> accuracy: 96.5657%

STEP 965 - (1908/1988) -> accuracy: 95.9759%

Class native : (945/998) -> accuracy: 94.6894%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 966 - (1905/1988) -> accuracy: 95.8249%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (925/990) -> accuracy: 93.4343%

STEP 967 - (1909/1988) -> accuracy: 96.0262%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 968 - (1889/1988) -> accuracy: 95.0201%

Class native : (917/998) -> accuracy: 91.8838%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 969 - (1892/1988) -> accuracy: 95.1710%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 970 - (1913/1988) -> accuracy: 96.2274%

Class native : (959/998) -> accuracy: 96.0922%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 971 - (1907/1988) -> accuracy: 95.9256%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 972 - (1904/1988) -> accuracy: 95.7746%

Class native : (935/998) -> accuracy: 93.6874%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 973 - (1892/1988) -> accuracy: 95.1710%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (906/990) -> accuracy: 91.5152%

STEP 974 - (1914/1988) -> accuracy: 96.2777%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 975 - (1909/1988) -> accuracy: 96.0262%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 976 - (1830/1988) -> accuracy: 92.0523%

Class native : (851/998) -> accuracy: 85.2705%

Class non-native : (979/990) -> accuracy: 98.8889%

STEP 977 - (1823/1988) -> accuracy: 91.7002%

Class native : (995/998) -> accuracy: 99.6994%

Class non-native : (828/990) -> accuracy: 83.6364%

STEP 978 - (1911/1988) -> accuracy: 96.1268%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 979 - (1909/1988) -> accuracy: 96.0262%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 980 - (1907/1988) -> accuracy: 95.9256%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 981 - (1909/1988) -> accuracy: 96.0262%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 982 - (1910/1988) -> accuracy: 96.0765%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 983 - (1868/1988) -> accuracy: 93.9638%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (881/990) -> accuracy: 88.9899%

STEP 984 - (1911/1988) -> accuracy: 96.1268%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 985 - (1911/1988) -> accuracy: 96.1268%

Class native : (959/998) -> accuracy: 96.0922%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 986 - (1909/1988) -> accuracy: 96.0262%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 987 - (1904/1988) -> accuracy: 95.7746%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 988 - (1901/1988) -> accuracy: 95.6237%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 989 - (1910/1988) -> accuracy: 96.0765%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 990 - (1873/1988) -> accuracy: 94.2153%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (885/990) -> accuracy: 89.3939%

STEP 991 - (1910/1988) -> accuracy: 96.0765%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (961/990) -> accuracy: 97.0707%

STEP 992 - (1910/1988) -> accuracy: 96.0765%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 993 - (1906/1988) -> accuracy: 95.8753%

Class native : (947/998) -> accuracy: 94.8898%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 994 - (1907/1988) -> accuracy: 95.9256%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 995 - (1907/1988) -> accuracy: 95.9256%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 996 - (1889/1988) -> accuracy: 95.0201%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (902/990) -> accuracy: 91.1111%

STEP 997 - (1908/1988) -> accuracy: 95.9759%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 998 - (1910/1988) -> accuracy: 96.0765%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 999 - (1868/1988) -> accuracy: 93.9638%

Class native : (894/998) -> accuracy: 89.5792%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 1000 - (1832/1988) -> accuracy: 92.1529%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (839/990) -> accuracy: 84.7475%

STEP 1001 - (1906/1988) -> accuracy: 95.8753%

Class native : (944/998) -> accuracy: 94.5892%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 1002 - (1888/1988) -> accuracy: 94.9698%

Class native : (919/998) -> accuracy: 92.0842%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 1003 - (1908/1988) -> accuracy: 95.9759%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 1004 - (1909/1988) -> accuracy: 96.0262%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1005 - (1900/1988) -> accuracy: 95.5734%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (916/990) -> accuracy: 92.5253%

STEP 1006 - (1909/1988) -> accuracy: 96.0262%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 1007 - (1913/1988) -> accuracy: 96.2274%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 1008 - (1797/1988) -> accuracy: 90.3924%

Class native : (995/998) -> accuracy: 99.6994%

Class non-native : (802/990) -> accuracy: 81.0101%

STEP 1009 - (1907/1988) -> accuracy: 95.9256%

Class native : (939/998) -> accuracy: 94.0882%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 1010 - (1908/1988) -> accuracy: 95.9759%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 1011 - (1914/1988) -> accuracy: 96.2777%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 1012 - (1907/1988) -> accuracy: 95.9256%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 1013 - (1913/1988) -> accuracy: 96.2274%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 1014 - (1906/1988) -> accuracy: 95.8753%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 1015 - (1913/1988) -> accuracy: 96.2274%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 1016 - (1890/1988) -> accuracy: 95.0704%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (904/990) -> accuracy: 91.3131%

STEP 1017 - (1886/1988) -> accuracy: 94.8692%

Class native : (915/998) -> accuracy: 91.6834%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 1018 - (1890/1988) -> accuracy: 95.0704%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (903/990) -> accuracy: 91.2121%

STEP 1019 - (1911/1988) -> accuracy: 96.1268%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 1020 - (1900/1988) -> accuracy: 95.5734%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 1021 - (1900/1988) -> accuracy: 95.5734%

Class native : (930/998) -> accuracy: 93.1864%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 1022 - (1894/1988) -> accuracy: 95.2716%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (908/990) -> accuracy: 91.7172%

STEP 1023 - (1902/1988) -> accuracy: 95.6740%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (921/990) -> accuracy: 93.0303%

STEP 1024 - (1900/1988) -> accuracy: 95.5734%

Class native : (934/998) -> accuracy: 93.5872%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 1025 - (1840/1988) -> accuracy: 92.5553%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (848/990) -> accuracy: 85.6566%

STEP 1026 - (1903/1988) -> accuracy: 95.7243%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 1027 - (1903/1988) -> accuracy: 95.7243%

Class native : (939/998) -> accuracy: 94.0882%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 1028 - (1904/1988) -> accuracy: 95.7746%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 1029 - (1892/1988) -> accuracy: 95.1710%

Class native : (920/998) -> accuracy: 92.1844%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 1030 - (1912/1988) -> accuracy: 96.1771%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1031 - (1912/1988) -> accuracy: 96.1771%

Class native : (952/998) -> accuracy: 95.3908%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1032 - (1904/1988) -> accuracy: 95.7746%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 1033 - (1910/1988) -> accuracy: 96.0765%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 1034 - (1915/1988) -> accuracy: 96.3280%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 1035 - (1908/1988) -> accuracy: 95.9759%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 1036 - (1881/1988) -> accuracy: 94.6177%

Class native : (906/998) -> accuracy: 90.7816%

Class non-native : (975/990) -> accuracy: 98.4848%

STEP 1037 - (1848/1988) -> accuracy: 92.9577%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (856/990) -> accuracy: 86.4646%

STEP 1038 - (1907/1988) -> accuracy: 95.9256%

Class native : (954/998) -> accuracy: 95.5912%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 1039 - (1904/1988) -> accuracy: 95.7746%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 1040 - (1910/1988) -> accuracy: 96.0765%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1041 - (1912/1988) -> accuracy: 96.1771%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1042 - (1898/1988) -> accuracy: 95.4728%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 1043 - (1900/1988) -> accuracy: 95.5734%

Class native : (931/998) -> accuracy: 93.2866%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 1044 - (1915/1988) -> accuracy: 96.3280%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (941/990) -> accuracy: 95.0505%

STEP 1045 - (1913/1988) -> accuracy: 96.2274%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 1046 - (1893/1988) -> accuracy: 95.2213%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 1047 - (1914/1988) -> accuracy: 96.2777%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 1048 - (1902/1988) -> accuracy: 95.6740%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 1049 - (1910/1988) -> accuracy: 96.0765%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 1050 - (1908/1988) -> accuracy: 95.9759%

Class native : (939/998) -> accuracy: 94.0882%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 1051 - (1915/1988) -> accuracy: 96.3280%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1052 - (1888/1988) -> accuracy: 94.9698%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (900/990) -> accuracy: 90.9091%

STEP 1053 - (1910/1988) -> accuracy: 96.0765%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 1054 - (1823/1988) -> accuracy: 91.7002%

Class native : (993/998) -> accuracy: 99.4990%

Class non-native : (830/990) -> accuracy: 83.8384%

STEP 1055 - (1910/1988) -> accuracy: 96.0765%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 1056 - (1877/1988) -> accuracy: 94.4165%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (889/990) -> accuracy: 89.7980%

STEP 1057 - (1916/1988) -> accuracy: 96.3783%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 1058 - (1917/1988) -> accuracy: 96.4286%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (949/990) -> accuracy: 95.8586%

INFO:root: Saved model checkpoints\_temp/model-1058 at step 1058

INFO:root: Best accuracy 96.4286% at step 1058 (1917/1988)

STEP 1059 - (1906/1988) -> accuracy: 95.8753%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 1060 - (1920/1988) -> accuracy: 96.5795%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (950/990) -> accuracy: 95.9596%

INFO:root: Saved model checkpoints\_temp/model-1060 at step 1060

INFO:root: Best accuracy 96.5795% at step 1060 (1920/1988)

STEP 1061 - (1916/1988) -> accuracy: 96.3783%

Class native : (956/998) -> accuracy: 95.7916%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1062 - (1894/1988) -> accuracy: 95.2716%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (908/990) -> accuracy: 91.7172%

STEP 1063 - (1917/1988) -> accuracy: 96.4286%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 1064 - (1907/1988) -> accuracy: 95.9256%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 1065 - (1905/1988) -> accuracy: 95.8249%

Class native : (937/998) -> accuracy: 93.8878%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 1066 - (1908/1988) -> accuracy: 95.9759%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 1067 - (1775/1988) -> accuracy: 89.2857%

Class native : (790/998) -> accuracy: 79.1583%

Class non-native : (985/990) -> accuracy: 99.4949%

STEP 1068 - (1832/1988) -> accuracy: 92.1529%

Class native : (994/998) -> accuracy: 99.5992%

Class non-native : (838/990) -> accuracy: 84.6465%

STEP 1069 - (1916/1988) -> accuracy: 96.3783%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 1070 - (1917/1988) -> accuracy: 96.4286%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 1071 - (1918/1988) -> accuracy: 96.4789%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 1072 - (1914/1988) -> accuracy: 96.2777%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1073 - (1917/1988) -> accuracy: 96.4286%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1074 - (1918/1988) -> accuracy: 96.4789%

Class native : (956/998) -> accuracy: 95.7916%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 1075 - (1916/1988) -> accuracy: 96.3783%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 1076 - (1914/1988) -> accuracy: 96.2777%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (931/990) -> accuracy: 94.0404%

STEP 1077 - (1914/1988) -> accuracy: 96.2777%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 1078 - (1914/1988) -> accuracy: 96.2777%

Class native : (956/998) -> accuracy: 95.7916%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 1079 - (1913/1988) -> accuracy: 96.2274%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (965/990) -> accuracy: 97.4747%

STEP 1080 - (1908/1988) -> accuracy: 95.9759%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 1081 - (1899/1988) -> accuracy: 95.5231%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 1082 - (1916/1988) -> accuracy: 96.3783%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 1083 - (1914/1988) -> accuracy: 96.2777%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 1084 - (1913/1988) -> accuracy: 96.2274%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 1085 - (1915/1988) -> accuracy: 96.3280%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 1086 - (1913/1988) -> accuracy: 96.2274%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1087 - (1914/1988) -> accuracy: 96.2777%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 1088 - (1828/1988) -> accuracy: 91.9517%

Class native : (992/998) -> accuracy: 99.3988%

Class non-native : (836/990) -> accuracy: 84.4444%

STEP 1089 - (1904/1988) -> accuracy: 95.7746%

Class native : (938/998) -> accuracy: 93.9880%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 1090 - (1913/1988) -> accuracy: 96.2274%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (935/990) -> accuracy: 94.4444%

STEP 1091 - (1917/1988) -> accuracy: 96.4286%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (951/990) -> accuracy: 96.0606%

STEP 1092 - (1915/1988) -> accuracy: 96.3280%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 1093 - (1915/1988) -> accuracy: 96.3280%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 1094 - (1907/1988) -> accuracy: 95.9256%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (921/990) -> accuracy: 93.0303%

STEP 1095 - (1895/1988) -> accuracy: 95.3219%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 1096 - (1868/1988) -> accuracy: 93.9638%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (877/990) -> accuracy: 88.5859%

STEP 1097 - (1909/1988) -> accuracy: 96.0262%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (941/990) -> accuracy: 95.0505%

STEP 1098 - (1910/1988) -> accuracy: 96.0765%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (941/990) -> accuracy: 95.0505%

STEP 1099 - (1903/1988) -> accuracy: 95.7243%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 1100 - (1907/1988) -> accuracy: 95.9256%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 1101 - (1903/1988) -> accuracy: 95.7243%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 1102 - (1906/1988) -> accuracy: 95.8753%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 1103 - (1909/1988) -> accuracy: 96.0262%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 1104 - (1914/1988) -> accuracy: 96.2777%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 1105 - (1880/1988) -> accuracy: 94.5674%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (892/990) -> accuracy: 90.1010%

STEP 1106 - (1913/1988) -> accuracy: 96.2274%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1107 - (1911/1988) -> accuracy: 96.1268%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1108 - (1901/1988) -> accuracy: 95.6237%

Class native : (932/998) -> accuracy: 93.3868%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 1109 - (1900/1988) -> accuracy: 95.5734%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (917/990) -> accuracy: 92.6263%

STEP 1110 - (1906/1988) -> accuracy: 95.8753%

Class native : (936/998) -> accuracy: 93.7876%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 1111 - (1915/1988) -> accuracy: 96.3280%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 1112 - (1883/1988) -> accuracy: 94.7183%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (895/990) -> accuracy: 90.4040%

STEP 1113 - (1913/1988) -> accuracy: 96.2274%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 1114 - (1909/1988) -> accuracy: 96.0262%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (927/990) -> accuracy: 93.6364%

STEP 1115 - (1908/1988) -> accuracy: 95.9759%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (930/990) -> accuracy: 93.9394%

STEP 1116 - (1894/1988) -> accuracy: 95.2716%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (906/990) -> accuracy: 91.5152%

STEP 1117 - (1914/1988) -> accuracy: 96.2777%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 1118 - (1908/1988) -> accuracy: 95.9759%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (930/990) -> accuracy: 93.9394%

STEP 1119 - (1813/1988) -> accuracy: 91.1972%

Class native : (831/998) -> accuracy: 83.2665%

Class non-native : (982/990) -> accuracy: 99.1919%

STEP 1120 - (1839/1988) -> accuracy: 92.5050%

Class native : (994/998) -> accuracy: 99.5992%

Class non-native : (845/990) -> accuracy: 85.3535%

STEP 1121 - (1912/1988) -> accuracy: 96.1771%

Class native : (959/998) -> accuracy: 96.0922%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 1122 - (1914/1988) -> accuracy: 96.2777%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (951/990) -> accuracy: 96.0606%

STEP 1123 - (1910/1988) -> accuracy: 96.0765%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 1124 - (1914/1988) -> accuracy: 96.2777%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1125 - (1912/1988) -> accuracy: 96.1771%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 1126 - (1912/1988) -> accuracy: 96.1771%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 1127 - (1908/1988) -> accuracy: 95.9759%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (926/990) -> accuracy: 93.5354%

STEP 1128 - (1912/1988) -> accuracy: 96.1771%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 1129 - (1874/1988) -> accuracy: 94.2656%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (885/990) -> accuracy: 89.3939%

STEP 1130 - (1871/1988) -> accuracy: 94.1147%

Class native : (893/998) -> accuracy: 89.4790%

Class non-native : (978/990) -> accuracy: 98.7879%

STEP 1131 - (1918/1988) -> accuracy: 96.4789%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 1132 - (1916/1988) -> accuracy: 96.3783%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 1133 - (1913/1988) -> accuracy: 96.2274%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 1134 - (1915/1988) -> accuracy: 96.3280%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 1135 - (1904/1988) -> accuracy: 95.7746%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 1136 - (1916/1988) -> accuracy: 96.3783%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 1137 - (1919/1988) -> accuracy: 96.5292%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 1138 - (1914/1988) -> accuracy: 96.2777%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 1139 - (1894/1988) -> accuracy: 95.2716%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 1140 - (1908/1988) -> accuracy: 95.9759%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 1141 - (1911/1988) -> accuracy: 96.1268%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 1142 - (1872/1988) -> accuracy: 94.1650%

Class native : (898/998) -> accuracy: 89.9800%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 1143 - (1892/1988) -> accuracy: 95.1710%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 1144 - (1899/1988) -> accuracy: 95.5231%

Class native : (927/998) -> accuracy: 92.8858%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 1145 - (1914/1988) -> accuracy: 96.2777%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 1146 - (1918/1988) -> accuracy: 96.4789%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1147 - (1803/1988) -> accuracy: 90.6942%

Class native : (996/998) -> accuracy: 99.7996%

Class non-native : (807/990) -> accuracy: 81.5152%

STEP 1148 - (1899/1988) -> accuracy: 95.5231%

Class native : (927/998) -> accuracy: 92.8858%

Class non-native : (972/990) -> accuracy: 98.1818%

STEP 1149 - (1911/1988) -> accuracy: 96.1268%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 1150 - (1887/1988) -> accuracy: 94.9195%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (900/990) -> accuracy: 90.9091%

STEP 1151 - (1911/1988) -> accuracy: 96.1268%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 1152 - (1916/1988) -> accuracy: 96.3783%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 1153 - (1914/1988) -> accuracy: 96.2777%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1154 - (1909/1988) -> accuracy: 96.0262%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 1155 - (1912/1988) -> accuracy: 96.1771%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (951/990) -> accuracy: 96.0606%

STEP 1156 - (1911/1988) -> accuracy: 96.1268%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 1157 - (1901/1988) -> accuracy: 95.6237%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (916/990) -> accuracy: 92.5253%

STEP 1158 - (1912/1988) -> accuracy: 96.1771%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 1159 - (1912/1988) -> accuracy: 96.1771%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 1160 - (1909/1988) -> accuracy: 96.0262%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 1161 - (1905/1988) -> accuracy: 95.8249%

Class native : (937/998) -> accuracy: 93.8878%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 1162 - (1868/1988) -> accuracy: 93.9638%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (877/990) -> accuracy: 88.5859%

STEP 1163 - (1912/1988) -> accuracy: 96.1771%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (961/990) -> accuracy: 97.0707%

STEP 1164 - (1902/1988) -> accuracy: 95.6740%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (917/990) -> accuracy: 92.6263%

STEP 1165 - (1908/1988) -> accuracy: 95.9759%

Class native : (943/998) -> accuracy: 94.4890%

Class non-native : (965/990) -> accuracy: 97.4747%

STEP 1166 - (1900/1988) -> accuracy: 95.5734%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 1167 - (1917/1988) -> accuracy: 96.4286%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1168 - (1904/1988) -> accuracy: 95.7746%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (919/990) -> accuracy: 92.8283%

STEP 1169 - (1892/1988) -> accuracy: 95.1710%

Class native : (921/998) -> accuracy: 92.2846%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 1170 - (1907/1988) -> accuracy: 95.9256%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 1171 - (1888/1988) -> accuracy: 94.9698%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (901/990) -> accuracy: 91.0101%

STEP 1172 - (1920/1988) -> accuracy: 96.5795%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 1173 - (1914/1988) -> accuracy: 96.2777%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1174 - (1912/1988) -> accuracy: 96.1771%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (935/990) -> accuracy: 94.4444%

STEP 1175 - (1918/1988) -> accuracy: 96.4789%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 1176 - (1916/1988) -> accuracy: 96.3783%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1177 - (1911/1988) -> accuracy: 96.1268%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 1178 - (1907/1988) -> accuracy: 95.9256%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (930/990) -> accuracy: 93.9394%

STEP 1179 - (1916/1988) -> accuracy: 96.3783%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (951/990) -> accuracy: 96.0606%

STEP 1180 - (1913/1988) -> accuracy: 96.2274%

Class native : (959/998) -> accuracy: 96.0922%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 1181 - (1915/1988) -> accuracy: 96.3280%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 1182 - (1903/1988) -> accuracy: 95.7243%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 1183 - (1777/1988) -> accuracy: 89.3863%

Class native : (793/998) -> accuracy: 79.4589%

Class non-native : (984/990) -> accuracy: 99.3939%

STEP 1184 - (1871/1988) -> accuracy: 94.1147%

Class native : (990/998) -> accuracy: 99.1984%

Class non-native : (881/990) -> accuracy: 88.9899%

STEP 1185 - (1907/1988) -> accuracy: 95.9256%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 1186 - (1913/1988) -> accuracy: 96.2274%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1187 - (1911/1988) -> accuracy: 96.1268%

Class native : (946/998) -> accuracy: 94.7896%

Class non-native : (965/990) -> accuracy: 97.4747%

STEP 1188 - (1905/1988) -> accuracy: 95.8249%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 1189 - (1915/1988) -> accuracy: 96.3280%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 1190 - (1914/1988) -> accuracy: 96.2777%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 1191 - (1906/1988) -> accuracy: 95.8753%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (930/990) -> accuracy: 93.9394%

STEP 1192 - (1915/1988) -> accuracy: 96.3280%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (951/990) -> accuracy: 96.0606%

STEP 1193 - (1911/1988) -> accuracy: 96.1268%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 1194 - (1897/1988) -> accuracy: 95.4225%

Class native : (926/998) -> accuracy: 92.7856%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 1195 - (1890/1988) -> accuracy: 95.0704%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (902/990) -> accuracy: 91.1111%

STEP 1196 - (1901/1988) -> accuracy: 95.6237%

Class native : (935/998) -> accuracy: 93.6874%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 1197 - (1918/1988) -> accuracy: 96.4789%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 1198 - (1916/1988) -> accuracy: 96.3783%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 1199 - (1870/1988) -> accuracy: 94.0644%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (881/990) -> accuracy: 88.9899%

STEP 1200 - (1896/1988) -> accuracy: 95.3722%

Class native : (922/998) -> accuracy: 92.3848%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 1201 - (1887/1988) -> accuracy: 94.9195%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (900/990) -> accuracy: 90.9091%

STEP 1202 - (1919/1988) -> accuracy: 96.5292%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 1203 - (1919/1988) -> accuracy: 96.5292%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 1204 - (1914/1988) -> accuracy: 96.2777%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 1205 - (1918/1988) -> accuracy: 96.4789%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (941/990) -> accuracy: 95.0505%

STEP 1206 - (1901/1988) -> accuracy: 95.6237%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 1207 - (1911/1988) -> accuracy: 96.1268%

Class native : (954/998) -> accuracy: 95.5912%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 1208 - (1893/1988) -> accuracy: 95.2213%

Class native : (923/998) -> accuracy: 92.4850%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 1209 - (1905/1988) -> accuracy: 95.8249%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (920/990) -> accuracy: 92.9293%

STEP 1210 - (1908/1988) -> accuracy: 95.9759%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 1211 - (1916/1988) -> accuracy: 96.3783%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1212 - (1914/1988) -> accuracy: 96.2777%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (935/990) -> accuracy: 94.4444%

STEP 1213 - (1904/1988) -> accuracy: 95.7746%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 1214 - (1913/1988) -> accuracy: 96.2274%

Class native : (961/998) -> accuracy: 96.2926%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 1215 - (1858/1988) -> accuracy: 93.4608%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (867/990) -> accuracy: 87.5758%

STEP 1216 - (1883/1988) -> accuracy: 94.7183%

Class native : (907/998) -> accuracy: 90.8818%

Class non-native : (976/990) -> accuracy: 98.5859%

STEP 1217 - (1911/1988) -> accuracy: 96.1268%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (930/990) -> accuracy: 93.9394%

STEP 1218 - (1913/1988) -> accuracy: 96.2274%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 1219 - (1912/1988) -> accuracy: 96.1771%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 1220 - (1915/1988) -> accuracy: 96.3280%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 1221 - (1915/1988) -> accuracy: 96.3280%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 1222 - (1914/1988) -> accuracy: 96.2777%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 1223 - (1918/1988) -> accuracy: 96.4789%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 1224 - (1913/1988) -> accuracy: 96.2274%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 1225 - (1916/1988) -> accuracy: 96.3783%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 1226 - (1897/1988) -> accuracy: 95.4225%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (909/990) -> accuracy: 91.8182%

STEP 1227 - (1917/1988) -> accuracy: 96.4286%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1228 - (1894/1988) -> accuracy: 95.2716%

Class native : (919/998) -> accuracy: 92.0842%

Class non-native : (975/990) -> accuracy: 98.4848%

STEP 1229 - (1912/1988) -> accuracy: 96.1771%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (928/990) -> accuracy: 93.7374%

STEP 1230 - (1913/1988) -> accuracy: 96.2274%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 1231 - (1916/1988) -> accuracy: 96.3783%

Class native : (954/998) -> accuracy: 95.5912%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 1232 - (1911/1988) -> accuracy: 96.1268%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1233 - (1915/1988) -> accuracy: 96.3280%

Class native : (957/998) -> accuracy: 95.8918%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 1234 - (1915/1988) -> accuracy: 96.3280%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 1235 - (1885/1988) -> accuracy: 94.8189%

Class native : (910/998) -> accuracy: 91.1824%

Class non-native : (975/990) -> accuracy: 98.4848%

STEP 1236 - (1890/1988) -> accuracy: 95.0704%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (902/990) -> accuracy: 91.1111%

STEP 1237 - (1904/1988) -> accuracy: 95.7746%

Class native : (935/998) -> accuracy: 93.6874%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 1238 - (1911/1988) -> accuracy: 96.1268%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 1239 - (1898/1988) -> accuracy: 95.4728%

Class native : (986/998) -> accuracy: 98.7976%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 1240 - (1888/1988) -> accuracy: 94.9698%

Class native : (914/998) -> accuracy: 91.5832%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 1241 - (1871/1988) -> accuracy: 94.1147%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (882/990) -> accuracy: 89.0909%

STEP 1242 - (1917/1988) -> accuracy: 96.4286%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 1243 - (1910/1988) -> accuracy: 96.0765%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 1244 - (1911/1988) -> accuracy: 96.1268%

Class native : (945/998) -> accuracy: 94.6894%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 1245 - (1917/1988) -> accuracy: 96.4286%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 1246 - (1910/1988) -> accuracy: 96.0765%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 1247 - (1914/1988) -> accuracy: 96.2777%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 1248 - (1880/1988) -> accuracy: 94.5674%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (891/990) -> accuracy: 90.0000%

STEP 1249 - (1914/1988) -> accuracy: 96.2777%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 1250 - (1913/1988) -> accuracy: 96.2274%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (965/990) -> accuracy: 97.4747%

STEP 1251 - (1903/1988) -> accuracy: 95.7243%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 1252 - (1918/1988) -> accuracy: 96.4789%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 1253 - (1912/1988) -> accuracy: 96.1771%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 1254 - (1918/1988) -> accuracy: 96.4789%

Class native : (958/998) -> accuracy: 95.9920%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1255 - (1916/1988) -> accuracy: 96.3783%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 1256 - (1915/1988) -> accuracy: 96.3280%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 1257 - (1915/1988) -> accuracy: 96.3280%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 1258 - (1895/1988) -> accuracy: 95.3219%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 1259 - (1915/1988) -> accuracy: 96.3280%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1260 - (1917/1988) -> accuracy: 96.4286%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 1261 - (1914/1988) -> accuracy: 96.2777%

Class native : (954/998) -> accuracy: 95.5912%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1262 - (1907/1988) -> accuracy: 95.9256%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 1263 - (1918/1988) -> accuracy: 96.4789%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 1264 - (1915/1988) -> accuracy: 96.3280%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 1265 - (1921/1988) -> accuracy: 96.6298%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (954/990) -> accuracy: 96.3636%

INFO:root: Saved model checkpoints\_temp/model-1265 at step 1265

INFO:root: Best accuracy 96.6298% at step 1265 (1921/1988)

STEP 1266 - (1911/1988) -> accuracy: 96.1268%

Class native : (941/998) -> accuracy: 94.2886%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 1267 - (1918/1988) -> accuracy: 96.4789%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 1268 - (1914/1988) -> accuracy: 96.2777%

Class native : (954/998) -> accuracy: 95.5912%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1269 - (1913/1988) -> accuracy: 96.2274%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 1270 - (1882/1988) -> accuracy: 94.6680%

Class native : (906/998) -> accuracy: 90.7816%

Class non-native : (976/990) -> accuracy: 98.5859%

STEP 1271 - (1870/1988) -> accuracy: 94.0644%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (879/990) -> accuracy: 88.7879%

STEP 1272 - (1877/1988) -> accuracy: 94.4165%

Class native : (900/998) -> accuracy: 90.1804%

Class non-native : (977/990) -> accuracy: 98.6869%

STEP 1273 - (1916/1988) -> accuracy: 96.3783%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 1274 - (1914/1988) -> accuracy: 96.2777%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 1275 - (1915/1988) -> accuracy: 96.3280%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 1276 - (1918/1988) -> accuracy: 96.4789%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (947/990) -> accuracy: 95.6566%

STEP 1277 - (1917/1988) -> accuracy: 96.4286%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 1278 - (1917/1988) -> accuracy: 96.4286%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1279 - (1915/1988) -> accuracy: 96.3280%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1280 - (1913/1988) -> accuracy: 96.2274%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 1281 - (1919/1988) -> accuracy: 96.5292%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 1282 - (1912/1988) -> accuracy: 96.1771%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (925/990) -> accuracy: 93.4343%

STEP 1283 - (1923/1988) -> accuracy: 96.7304%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (956/990) -> accuracy: 96.5657%

INFO:root: Saved model checkpoints\_temp/model-1283 at step 1283

INFO:root: Best accuracy 96.7304% at step 1283 (1923/1988)

STEP 1284 - (1917/1988) -> accuracy: 96.4286%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 1285 - (1896/1988) -> accuracy: 95.3722%

Class native : (925/998) -> accuracy: 92.6854%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 1286 - (1882/1988) -> accuracy: 94.6680%

Class native : (990/998) -> accuracy: 99.1984%

Class non-native : (892/990) -> accuracy: 90.1010%

STEP 1287 - (1920/1988) -> accuracy: 96.5795%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1288 - (1907/1988) -> accuracy: 95.9256%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 1289 - (1919/1988) -> accuracy: 96.5292%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 1290 - (1922/1988) -> accuracy: 96.6801%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (946/990) -> accuracy: 95.5556%

STEP 1291 - (1895/1988) -> accuracy: 95.3219%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (907/990) -> accuracy: 91.6162%

STEP 1292 - (1910/1988) -> accuracy: 96.0765%

Class native : (943/998) -> accuracy: 94.4890%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 1293 - (1920/1988) -> accuracy: 96.5795%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1294 - (1919/1988) -> accuracy: 96.5292%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1295 - (1857/1988) -> accuracy: 93.4105%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (866/990) -> accuracy: 87.4747%

STEP 1296 - (1914/1988) -> accuracy: 96.2777%

Class native : (949/998) -> accuracy: 95.0902%

Class non-native : (965/990) -> accuracy: 97.4747%

STEP 1297 - (1919/1988) -> accuracy: 96.5292%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (954/990) -> accuracy: 96.3636%

STEP 1298 - (1916/1988) -> accuracy: 96.3783%

Class native : (959/998) -> accuracy: 96.0922%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 1299 - (1877/1988) -> accuracy: 94.4165%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (888/990) -> accuracy: 89.6970%

STEP 1300 - (1893/1988) -> accuracy: 95.2213%

Class native : (916/998) -> accuracy: 91.7836%

Class non-native : (977/990) -> accuracy: 98.6869%

STEP 1301 - (1918/1988) -> accuracy: 96.4789%

Class native : (970/998) -> accuracy: 97.1944%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1302 - (1921/1988) -> accuracy: 96.6298%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 1303 - (1881/1988) -> accuracy: 94.6177%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (892/990) -> accuracy: 90.1010%

STEP 1304 - (1912/1988) -> accuracy: 96.1771%

Class native : (945/998) -> accuracy: 94.6894%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 1305 - (1900/1988) -> accuracy: 95.5734%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (912/990) -> accuracy: 92.1212%

STEP 1306 - (1916/1988) -> accuracy: 96.3783%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 1307 - (1922/1988) -> accuracy: 96.6801%

Class native : (967/998) -> accuracy: 96.8938%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 1308 - (1905/1988) -> accuracy: 95.8249%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (918/990) -> accuracy: 92.7273%

STEP 1309 - (1926/1988) -> accuracy: 96.8813%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (963/990) -> accuracy: 97.2727%

INFO:root: Saved model checkpoints\_temp/model-1309 at step 1309

INFO:root: Best accuracy 96.8813% at step 1309 (1926/1988)

STEP 1310 - (1918/1988) -> accuracy: 96.4789%

Class native : (976/998) -> accuracy: 97.7956%

Class non-native : (942/990) -> accuracy: 95.1515%

STEP 1311 - (1918/1988) -> accuracy: 96.4789%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (938/990) -> accuracy: 94.7475%

STEP 1312 - (1914/1988) -> accuracy: 96.2777%

Class native : (950/998) -> accuracy: 95.1904%

Class non-native : (964/990) -> accuracy: 97.3737%

STEP 1313 - (1913/1988) -> accuracy: 96.2274%

Class native : (988/998) -> accuracy: 98.9980%

Class non-native : (925/990) -> accuracy: 93.4343%

STEP 1314 - (1921/1988) -> accuracy: 96.6298%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 1315 - (1910/1988) -> accuracy: 96.0765%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 1316 - (1925/1988) -> accuracy: 96.8310%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 1317 - (1910/1988) -> accuracy: 96.0765%

Class native : (944/998) -> accuracy: 94.5892%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 1318 - (1914/1988) -> accuracy: 96.2777%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (931/990) -> accuracy: 94.0404%

STEP 1319 - (1925/1988) -> accuracy: 96.8310%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (961/990) -> accuracy: 97.0707%

STEP 1320 - (1910/1988) -> accuracy: 96.0765%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (923/990) -> accuracy: 93.2323%

STEP 1321 - (1920/1988) -> accuracy: 96.5795%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1322 - (1897/1988) -> accuracy: 95.4225%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (908/990) -> accuracy: 91.7172%

STEP 1323 - (1852/1988) -> accuracy: 93.1590%

Class native : (871/998) -> accuracy: 87.2745%

Class non-native : (981/990) -> accuracy: 99.0909%

STEP 1324 - (1870/1988) -> accuracy: 94.0644%

Class native : (990/998) -> accuracy: 99.1984%

Class non-native : (880/990) -> accuracy: 88.8889%

STEP 1325 - (1921/1988) -> accuracy: 96.6298%

Class native : (973/998) -> accuracy: 97.4950%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1326 - (1915/1988) -> accuracy: 96.3280%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 1327 - (1912/1988) -> accuracy: 96.1771%

Class native : (944/998) -> accuracy: 94.5892%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 1328 - (1917/1988) -> accuracy: 96.4286%

Class native : (954/998) -> accuracy: 95.5912%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 1329 - (1925/1988) -> accuracy: 96.8310%

Class native : (968/998) -> accuracy: 96.9940%

Class non-native : (957/990) -> accuracy: 96.6667%

STEP 1330 - (1924/1988) -> accuracy: 96.7807%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (959/990) -> accuracy: 96.8687%

STEP 1331 - (1920/1988) -> accuracy: 96.5795%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 1332 - (1920/1988) -> accuracy: 96.5795%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (945/990) -> accuracy: 95.4545%

STEP 1333 - (1916/1988) -> accuracy: 96.3783%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 1334 - (1922/1988) -> accuracy: 96.6801%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1335 - (1910/1988) -> accuracy: 96.0765%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (925/990) -> accuracy: 93.4343%

STEP 1336 - (1923/1988) -> accuracy: 96.7304%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1337 - (1923/1988) -> accuracy: 96.7304%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1338 - (1922/1988) -> accuracy: 96.6801%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 1339 - (1921/1988) -> accuracy: 96.6298%

Class native : (971/998) -> accuracy: 97.2946%

Class non-native : (950/990) -> accuracy: 95.9596%

STEP 1340 - (1904/1988) -> accuracy: 95.7746%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (915/990) -> accuracy: 92.4242%

STEP 1341 - (1916/1988) -> accuracy: 96.3783%

Class native : (972/998) -> accuracy: 97.3948%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 1342 - (1917/1988) -> accuracy: 96.4286%

Class native : (955/998) -> accuracy: 95.6914%

Class non-native : (962/990) -> accuracy: 97.1717%

STEP 1343 - (1898/1988) -> accuracy: 95.4728%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (909/990) -> accuracy: 91.8182%

STEP 1344 - (1907/1988) -> accuracy: 95.9256%

Class native : (941/998) -> accuracy: 94.2886%

Class non-native : (966/990) -> accuracy: 97.5758%

STEP 1345 - (1914/1988) -> accuracy: 96.2777%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (934/990) -> accuracy: 94.3434%

STEP 1346 - (1907/1988) -> accuracy: 95.9256%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 1347 - (1922/1988) -> accuracy: 96.6801%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1348 - (1917/1988) -> accuracy: 96.4286%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 1349 - (1919/1988) -> accuracy: 96.5292%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (941/990) -> accuracy: 95.0505%

STEP 1350 - (1852/1988) -> accuracy: 93.1590%

Class native : (870/998) -> accuracy: 87.1743%

Class non-native : (982/990) -> accuracy: 99.1919%

STEP 1351 - (1854/1988) -> accuracy: 93.2596%

Class native : (991/998) -> accuracy: 99.2986%

Class non-native : (863/990) -> accuracy: 87.1717%

STEP 1352 - (1921/1988) -> accuracy: 96.6298%

Class native : (978/998) -> accuracy: 97.9960%

Class non-native : (943/990) -> accuracy: 95.2525%

STEP 1353 - (1920/1988) -> accuracy: 96.5795%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (956/990) -> accuracy: 96.5657%

STEP 1354 - (1918/1988) -> accuracy: 96.4789%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 1355 - (1918/1988) -> accuracy: 96.4789%

Class native : (965/998) -> accuracy: 96.6934%

Class non-native : (953/990) -> accuracy: 96.2626%

STEP 1356 - (1913/1988) -> accuracy: 96.2274%

Class native : (945/998) -> accuracy: 94.6894%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 1357 - (1915/1988) -> accuracy: 96.3280%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 1358 - (1918/1988) -> accuracy: 96.4789%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 1359 - (1918/1988) -> accuracy: 96.4789%

Class native : (951/998) -> accuracy: 95.2906%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 1360 - (1899/1988) -> accuracy: 95.5231%

Class native : (989/998) -> accuracy: 99.0982%

Class non-native : (910/990) -> accuracy: 91.9192%

STEP 1361 - (1888/1988) -> accuracy: 94.9698%

Class native : (914/998) -> accuracy: 91.5832%

Class non-native : (974/990) -> accuracy: 98.3838%

STEP 1362 - (1906/1988) -> accuracy: 95.8753%

Class native : (984/998) -> accuracy: 98.5972%

Class non-native : (922/990) -> accuracy: 93.1313%

STEP 1363 - (1915/1988) -> accuracy: 96.3280%

Class native : (948/998) -> accuracy: 94.9900%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 1364 - (1907/1988) -> accuracy: 95.9256%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 1365 - (1921/1988) -> accuracy: 96.6298%

Class native : (963/998) -> accuracy: 96.4930%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 1366 - (1907/1988) -> accuracy: 95.9256%

Class native : (983/998) -> accuracy: 98.4970%

Class non-native : (924/990) -> accuracy: 93.3333%

STEP 1367 - (1923/1988) -> accuracy: 96.7304%

Class native : (960/998) -> accuracy: 96.1924%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 1368 - (1921/1988) -> accuracy: 96.6298%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (941/990) -> accuracy: 95.0505%

STEP 1369 - (1900/1988) -> accuracy: 95.5734%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (913/990) -> accuracy: 92.2222%

STEP 1370 - (1905/1988) -> accuracy: 95.8249%

Class native : (937/998) -> accuracy: 93.8878%

Class non-native : (968/990) -> accuracy: 97.7778%

STEP 1371 - (1901/1988) -> accuracy: 95.6237%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (914/990) -> accuracy: 92.3232%

STEP 1372 - (1920/1988) -> accuracy: 96.5795%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (940/990) -> accuracy: 94.9495%

STEP 1373 - (1904/1988) -> accuracy: 95.7746%

Class native : (933/998) -> accuracy: 93.4870%

Class non-native : (971/990) -> accuracy: 98.0808%

STEP 1374 - (1918/1988) -> accuracy: 96.4789%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (937/990) -> accuracy: 94.6465%

STEP 1375 - (1918/1988) -> accuracy: 96.4789%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1376 - (1922/1988) -> accuracy: 96.6801%

Class native : (974/998) -> accuracy: 97.5952%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1377 - (1914/1988) -> accuracy: 96.2777%

Class native : (981/998) -> accuracy: 98.2966%

Class non-native : (933/990) -> accuracy: 94.2424%

STEP 1378 - (1918/1988) -> accuracy: 96.4789%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 1379 - (1912/1988) -> accuracy: 96.1771%

Class native : (964/998) -> accuracy: 96.5932%

Class non-native : (948/990) -> accuracy: 95.7576%

STEP 1380 - (1914/1988) -> accuracy: 96.2777%

Class native : (954/998) -> accuracy: 95.5912%

Class non-native : (960/990) -> accuracy: 96.9697%

STEP 1381 - (1916/1988) -> accuracy: 96.3783%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (936/990) -> accuracy: 94.5455%

STEP 1382 - (1858/1988) -> accuracy: 93.4608%

Class native : (878/998) -> accuracy: 87.9760%

Class non-native : (980/990) -> accuracy: 98.9899%

STEP 1383 - (1862/1988) -> accuracy: 93.6620%

Class native : (994/998) -> accuracy: 99.5992%

Class non-native : (868/990) -> accuracy: 87.6768%

STEP 1384 - (1911/1988) -> accuracy: 96.1268%

Class native : (944/998) -> accuracy: 94.5892%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 1385 - (1921/1988) -> accuracy: 96.6298%

Class native : (969/998) -> accuracy: 97.0942%

Class non-native : (952/990) -> accuracy: 96.1616%

STEP 1386 - (1914/1988) -> accuracy: 96.2777%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (932/990) -> accuracy: 94.1414%

STEP 1387 - (1909/1988) -> accuracy: 96.0262%

Class native : (942/998) -> accuracy: 94.3888%

Class non-native : (967/990) -> accuracy: 97.6768%

STEP 1388 - (1921/1988) -> accuracy: 96.6298%

Class native : (977/998) -> accuracy: 97.8958%

Class non-native : (944/990) -> accuracy: 95.3535%

STEP 1389 - (1920/1988) -> accuracy: 96.5795%

Class native : (979/998) -> accuracy: 98.0962%

Class non-native : (941/990) -> accuracy: 95.0505%

STEP 1390 - (1908/1988) -> accuracy: 95.9759%

Class native : (939/998) -> accuracy: 94.0882%

Class non-native : (969/990) -> accuracy: 97.8788%

STEP 1391 - (1892/1988) -> accuracy: 95.1710%

Class native : (987/998) -> accuracy: 98.8978%

Class non-native : (905/990) -> accuracy: 91.4141%

STEP 1392 - (1900/1988) -> accuracy: 95.5734%

Class native : (930/998) -> accuracy: 93.1864%

Class non-native : (970/990) -> accuracy: 97.9798%

STEP 1393 - (1858/1988) -> accuracy: 93.4608%

Class native : (994/998) -> accuracy: 99.5992%

Class non-native : (864/990) -> accuracy: 87.2727%

STEP 1394 - (1921/1988) -> accuracy: 96.6298%

Class native : (966/998) -> accuracy: 96.7936%

Class non-native : (955/990) -> accuracy: 96.4646%

STEP 1395 - (1920/1988) -> accuracy: 96.5795%

Class native : (962/998) -> accuracy: 96.3928%

Class non-native : (958/990) -> accuracy: 96.7677%

STEP 1396 - (1914/1988) -> accuracy: 96.2777%

Class native : (985/998) -> accuracy: 98.6974%

Class non-native : (929/990) -> accuracy: 93.8384%

STEP 1397 - (1921/1988) -> accuracy: 96.6298%

Class native : (982/998) -> accuracy: 98.3968%

Class non-native : (939/990) -> accuracy: 94.8485%

STEP 1398 - (1916/1988) -> accuracy: 96.3783%

Class native : (953/998) -> accuracy: 95.4910%

Class non-native : (963/990) -> accuracy: 97.2727%

STEP 1399 - (1924/1988) -> accuracy: 96.7807%

Class native : (975/998) -> accuracy: 97.6954%

Class non-native : (949/990) -> accuracy: 95.8586%

STEP 1400 - (1923/1988) -> accuracy: 96.7304%

Class native : (980/998) -> accuracy: 98.1964%

Class non-native : (943/990) -> accuracy: 95.2525%

\*\*\*Training is complete. Best accuracy 96.8813% at step 1309

Class native : (1244488/1397200) -> accuracy: 89.0701%

Class non-native : (1221337/1386000) -> accuracy: 88.1196%

\*\*\*Testing...

INFO:tensorflow:Restoring parameters from checkpoints\_temp/model-1309

INFO:tensorflow:Restoring parameters from checkpoints\_temp/model-1309

Accuracy on test set - (2119/2209) -> accuracy: 95.9258%

Class native : (1048/1101) -> accuracy: 95.1862%

Class non-native : (1071/1108) -> accuracy: 96.6606%

Leaving function train\_cnn\_rnn

duration(formatted HH:MM:SS): 02:59:24

Leaving function \_\_main\_\_