

# music\_gen

September 21, 2019

```
In [0]: import os
import json
import argparse

import numpy as np

#from model import build_model, save_weights

DATA_DIR = './data'
LOG_DIR = './logs'

BATCH_SIZE = 16
SEQ_LENGTH = 64

In [0]: def read_batches(T, vocab_size):
    length = T.shape[0]; #129,665
    batch_chars = int(length / BATCH_SIZE); # 8,104

    for start in range(0, batch_chars - SEQ_LENGTH, SEQ_LENGTH): # (0, 8040, 64)
        X = np.zeros((BATCH_SIZE, SEQ_LENGTH)) # 16X64
        Y = np.zeros((BATCH_SIZE, SEQ_LENGTH, vocab_size)) # 16X64X86
        for batch_idx in range(0, BATCH_SIZE): # (0,16)
            for i in range(0, SEQ_LENGTH): #(0,64)
                X[batch_idx, i] = T[batch_chars * batch_idx + start + i] #
                Y[batch_idx, i, T[batch_chars * batch_idx + start + i + 1]] = 1
        yield X, Y

In [0]: import os

from keras.models import Sequential, load_model
from keras.layers import LSTM, Dropout, TimeDistributed, Dense, Activation, Embedding

MODEL_DIR = './model'

def save_weights(epoch, model,name):
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if not os.path.exists(MODEL_DIR):
    os.makedirs(MODEL_DIR)
model.save_weights(os.path.join(MODEL_DIR, 'weights_{}.{}.h5'.format(name, epoch)))

def load_weights(epoch, model, name):
    model.load_weights(os.path.join(MODEL_DIR, 'weights_{}.{}.h5'.format(name, epoch)))

def build_model(batch_size, seq_len, vocab_size):
    model = Sequential()
    model.add(Embedding(vocab_size, 512, batch_input_shape=(batch_size, seq_len)))
    for i in range(3):
        model.add(LSTM(256, return_sequences=True, stateful=True))
        model.add(Dropout(0.2))

    model.add(TimeDistributed(Dense(vocab_size)))
    model.add(Activation('softmax'))
    return model

In [0]: def train(name, text, epochs=100, save_freq=10):

    # character to index and vice-versa mappings
    char_to_idx = { ch: i for (i, ch) in enumerate(sorted(list(set(text)))) }
    print("Number of unique characters: " + str(len(char_to_idx))) #86

    with open('char_to_idx{}.json'.format(name), 'w') as f:
        json.dump(char_to_idx, f)

    idx_to_char = { i: ch for (ch, i) in char_to_idx.items() }
    vocab_size = len(char_to_idx)

    #model_architecture
    model = build_model(BATCH_SIZE, SEQ_LENGTH, vocab_size)
    model.summary()
    model.compile(loss='categorical_crossentropy', optimizer='adam', metrics=['accuracy'])

    #Train data generation
    T = np.asarray([char_to_idx[c] for c in text], dtype=np.int32) #convert complete t

    print("Length of text:" + str(T.size)) #129,665

    steps_per_epoch = (len(text) / BATCH_SIZE - 1) / SEQ_LENGTH

    #log = TrainLogger('training_log.csv')

    for epoch in range(epochs):
        print('\nEpoch {}/{}'.format(epoch + 1, epochs))

```

```

losses, accs = [], []

for i, (X, Y) in enumerate(read_batches(T, vocab_size)):

    #print(X);

    loss, acc = model.train_on_batch(X, Y)
    print('Batch {}: loss = {}, acc = {}'.format(i + 1, loss, acc))
    losses.append(loss)
    accs.append(acc)

    #log.add_entry(np.average(losses), np.average(accs))

    if (epoch + 1) % save_freq == 0:
        save_weights(epoch + 1, model,name)
        print('Saved checkpoint to', 'weights_{}.{}.h5'.format(name,epoch + 1))

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In [0]: def file_name(name):
        filename=name
        raw_text= open(filename, 'r', encoding='utf-8').read()
        #comment the below st for abc music
        raw_text= raw_text.lower()
        print(len(raw_text))
        raw_text=raw_text[0:100000]
        return raw_text

```

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In [45]: train('eminem_input.txt',file_name('eminem_input.txt'), epochs=100, save_freq=10)

```

42533

Number of unique characters: 58

Model: "sequential\_15"

Layer (type)	Output Shape	Param #
embedding_15 (Embedding)	(16, 64, 512)	29696
lstm_43 (LSTM)	(16, 64, 256)	787456
dropout_43 (Dropout)	(16, 64, 256)	0
lstm_44 (LSTM)	(16, 64, 256)	525312
dropout_44 (Dropout)	(16, 64, 256)	0
lstm_45 (LSTM)	(16, 64, 256)	525312
dropout_45 (Dropout)	(16, 64, 256)	0

```

time_distributed_6 (TimeDist (16, 64, 58))          14906
-----
activation_15 (Activation)    (16, 64, 58)          0
=====
Total params: 1,882,682
Trainable params: 1,882,682
Non-trainable params: 0
-----
Length of text:42533

```

Epoch 1/100

```

Batch 1: loss = 4.0610198974609375, acc = 0.00390625
Batch 2: loss = 4.045561790466309, acc = 0.1611328125
Batch 3: loss = 4.005928993225098, acc = 0.15625
Batch 4: loss = 3.884310007095337, acc = 0.1591796875
Batch 5: loss = 3.5737829208374023, acc = 0.1650390625
Batch 6: loss = 3.645941734313965, acc = 0.1640625
Batch 7: loss = 3.344489574432373, acc = 0.1708984375
Batch 8: loss = 3.301954507827759, acc = 0.09375
Batch 9: loss = 3.281259536743164, acc = 0.0732421875
Batch 10: loss = 3.253796100616455, acc = 0.072265625
Batch 11: loss = 3.2939200401306152, acc = 0.0546875
Batch 12: loss = 3.2086849212646484, acc = 0.09765625
Batch 13: loss = 3.2183163166046143, acc = 0.134765625
Batch 14: loss = 3.140692710876465, acc = 0.158203125
Batch 15: loss = 3.141977548599243, acc = 0.162109375
Batch 16: loss = 3.1627683639526367, acc = 0.1650390625
Batch 17: loss = 3.1754305362701416, acc = 0.1611328125
Batch 18: loss = 3.1644279956817627, acc = 0.1630859375
Batch 19: loss = 3.1445817947387695, acc = 0.162109375
Batch 20: loss = 3.117968797683716, acc = 0.162109375
Batch 21: loss = 3.1311559677124023, acc = 0.1650390625
Batch 22: loss = 3.1076536178588867, acc = 0.154296875
Batch 23: loss = 3.1294190883636475, acc = 0.1630859375
Batch 24: loss = 3.0898025035858154, acc = 0.15234375
Batch 25: loss = 3.1636240482330322, acc = 0.162109375
Batch 26: loss = 3.102919578552246, acc = 0.1650390625
Batch 27: loss = 3.1526145935058594, acc = 0.1708984375
Batch 28: loss = 3.111391544342041, acc = 0.17578125
Batch 29: loss = 3.121958017349243, acc = 0.17578125
Batch 30: loss = 3.1211626529693604, acc = 0.1669921875
Batch 31: loss = 3.1282405853271484, acc = 0.1748046875
Batch 32: loss = 3.0774807929992676, acc = 0.1767578125
Batch 33: loss = 3.146939516067505, acc = 0.16796875
Batch 34: loss = 3.101522207260132, acc = 0.16796875
Batch 35: loss = 3.1666693687438965, acc = 0.158203125
Batch 36: loss = 3.1378884315490723, acc = 0.1640625
Batch 37: loss = 3.1664836406707764, acc = 0.1552734375

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Batch 38: loss = 3.0908915996551514, acc = 0.1650390625  
Batch 39: loss = 3.150134563446045, acc = 0.1533203125  
Batch 40: loss = 3.1302642822265625, acc = 0.15234375  
Batch 41: loss = 3.2084503173828125, acc = 0.1416015625

Epoch 2/100

Batch 1: loss = 3.1853842735290527, acc = 0.150390625  
Batch 2: loss = 3.16697096824646, acc = 0.15625  
Batch 3: loss = 3.1536099910736084, acc = 0.1494140625  
Batch 4: loss = 3.1277666091918945, acc = 0.15234375  
Batch 5: loss = 3.1169533729553223, acc = 0.166015625  
Batch 6: loss = 3.158066749572754, acc = 0.1591796875  
Batch 7: loss = 3.0611960887908936, acc = 0.1708984375  
Batch 8: loss = 3.1167259216308594, acc = 0.17578125  
Batch 9: loss = 3.1426949501037598, acc = 0.171875  
Batch 10: loss = 3.128424882888794, acc = 0.1611328125  
Batch 11: loss = 3.151876211166382, acc = 0.1689453125  
Batch 12: loss = 3.095982074737549, acc = 0.1630859375  
Batch 13: loss = 3.127824068069458, acc = 0.1640625  
Batch 14: loss = 3.0628695487976074, acc = 0.1669921875  
Batch 15: loss = 3.0802576541900635, acc = 0.1640625  
Batch 16: loss = 3.133989095687866, acc = 0.1611328125  
Batch 17: loss = 3.1426849365234375, acc = 0.16015625  
Batch 18: loss = 3.1228322982788086, acc = 0.1572265625  
Batch 19: loss = 3.1138243675231934, acc = 0.1572265625  
Batch 20: loss = 3.046900749206543, acc = 0.1669921875  
Batch 21: loss = 3.07832407951355, acc = 0.162109375  
Batch 22: loss = 3.062927722930908, acc = 0.1787109375  
Batch 23: loss = 3.101853132247925, acc = 0.166015625  
Batch 24: loss = 3.073178768157959, acc = 0.1728515625  
Batch 25: loss = 3.1634275913238525, acc = 0.1689453125  
Batch 26: loss = 3.082634449005127, acc = 0.1669921875  
Batch 27: loss = 3.1476833820343018, acc = 0.173828125  
Batch 28: loss = 3.0904135704040527, acc = 0.1787109375  
Batch 29: loss = 3.098222255706787, acc = 0.177734375  
Batch 30: loss = 3.1006979942321777, acc = 0.1689453125  
Batch 31: loss = 3.1025824546813965, acc = 0.17578125  
Batch 32: loss = 3.05299973487854, acc = 0.1787109375  
Batch 33: loss = 3.136352300643921, acc = 0.1689453125  
Batch 34: loss = 3.088670253753662, acc = 0.1689453125  
Batch 35: loss = 3.15336012840271, acc = 0.15625  
Batch 36: loss = 3.1292483806610107, acc = 0.1669921875  
Batch 37: loss = 3.153656482696533, acc = 0.162109375  
Batch 38: loss = 3.0880656242370605, acc = 0.1796875  
Batch 39: loss = 3.127866268157959, acc = 0.1630859375  
Batch 40: loss = 3.1462888717651367, acc = 0.1591796875  
Batch 41: loss = 3.216387987136841, acc = 0.1494140625

Epoch 3/100

Batch 1: loss = 3.1719956398010254, acc = 0.1591796875  
Batch 2: loss = 3.1477742195129395, acc = 0.1611328125  
Batch 3: loss = 3.143505811691284, acc = 0.1513671875  
Batch 4: loss = 3.123673915863037, acc = 0.1572265625  
Batch 5: loss = 3.1119370460510254, acc = 0.1630859375  
Batch 6: loss = 3.1286561489105225, acc = 0.1630859375  
Batch 7: loss = 3.065232753753662, acc = 0.1748046875  
Batch 8: loss = 3.10734224319458, acc = 0.1767578125  
Batch 9: loss = 3.136234760284424, acc = 0.169921875  
Batch 10: loss = 3.108523368835449, acc = 0.1630859375  
Batch 11: loss = 3.142214059829712, acc = 0.16796875  
Batch 12: loss = 3.092698097229004, acc = 0.1640625  
Batch 13: loss = 3.1133151054382324, acc = 0.1630859375  
Batch 14: loss = 3.0583901405334473, acc = 0.1689453125  
Batch 15: loss = 3.0529165267944336, acc = 0.1630859375  
Batch 16: loss = 3.1058716773986816, acc = 0.1650390625  
Batch 17: loss = 3.1319892406463623, acc = 0.16015625  
Batch 18: loss = 3.107656955718994, acc = 0.166015625  
Batch 19: loss = 3.095233917236328, acc = 0.162109375  
Batch 20: loss = 3.058121919631958, acc = 0.1669921875  
Batch 21: loss = 3.072127342224121, acc = 0.171875  
Batch 22: loss = 3.0637922286987305, acc = 0.177734375  
Batch 23: loss = 3.0859780311584473, acc = 0.1689453125  
Batch 24: loss = 3.057556629180908, acc = 0.17578125  
Batch 25: loss = 3.151219367980957, acc = 0.16796875  
Batch 26: loss = 3.0777106285095215, acc = 0.166015625  
Batch 27: loss = 3.1549177169799805, acc = 0.17578125  
Batch 28: loss = 3.1007933616638184, acc = 0.1796875  
Batch 29: loss = 3.0938308238983154, acc = 0.177734375  
Batch 30: loss = 3.1018528938293457, acc = 0.169921875  
Batch 31: loss = 3.0971860885620117, acc = 0.17578125  
Batch 32: loss = 3.0640969276428223, acc = 0.1767578125  
Batch 33: loss = 3.1290531158447266, acc = 0.16796875  
Batch 34: loss = 3.0782852172851562, acc = 0.169921875  
Batch 35: loss = 3.144641637802124, acc = 0.158203125  
Batch 36: loss = 3.1145663261413574, acc = 0.1650390625  
Batch 37: loss = 3.140129327774048, acc = 0.16015625  
Batch 38: loss = 3.0732932090759277, acc = 0.1767578125  
Batch 39: loss = 3.116093635559082, acc = 0.1669921875  
Batch 40: loss = 3.362485885620117, acc = 0.158203125  
Batch 41: loss = 3.3451156616210938, acc = 0.1484375

Epoch 4/100

Batch 1: loss = 3.1611149311065674, acc = 0.16015625  
Batch 2: loss = 3.137930393218994, acc = 0.162109375  
Batch 3: loss = 3.125141143798828, acc = 0.15625  
Batch 4: loss = 3.0917980670928955, acc = 0.1572265625

Batch 5: loss = 3.0939688682556152, acc = 0.1650390625  
Batch 6: loss = 3.124354124069214, acc = 0.1640625  
Batch 7: loss = 3.0452494621276855, acc = 0.1728515625  
Batch 8: loss = 3.09879469871521, acc = 0.17578125  
Batch 9: loss = 3.10994029045105, acc = 0.171875  
Batch 10: loss = 3.0873332023620605, acc = 0.1640625  
Batch 11: loss = 3.114806890487671, acc = 0.1708984375  
Batch 12: loss = 3.076775074005127, acc = 0.1640625  
Batch 13: loss = 3.085549831390381, acc = 0.1630859375  
Batch 14: loss = 3.0373177528381348, acc = 0.1689453125  
Batch 15: loss = 3.02219820022583, acc = 0.166015625  
Batch 16: loss = 3.075956344604492, acc = 0.173828125  
Batch 17: loss = 3.095397710800171, acc = 0.1630859375  
Batch 18: loss = 3.0678467750549316, acc = 0.16796875  
Batch 19: loss = 3.055980920791626, acc = 0.169921875  
Batch 20: loss = 2.992666721343994, acc = 0.1884765625  
Batch 21: loss = 2.993265151977539, acc = 0.1826171875  
Batch 22: loss = 2.969484806060791, acc = 0.2021484375  
Batch 23: loss = 3.009140729904175, acc = 0.1904296875  
Batch 24: loss = 2.9654064178466797, acc = 0.203125  
Batch 25: loss = 3.060521125793457, acc = 0.193359375  
Batch 26: loss = 2.9787373542785645, acc = 0.2041015625  
Batch 27: loss = 3.020634174346924, acc = 0.205078125  
Batch 28: loss = 2.953683376312256, acc = 0.22265625  
Batch 29: loss = 2.975339889526367, acc = 0.216796875  
Batch 30: loss = 2.9538445472717285, acc = 0.2119140625  
Batch 31: loss = 2.9466781616210938, acc = 0.2177734375  
Batch 32: loss = 2.9063706398010254, acc = 0.201171875  
Batch 33: loss = 2.947558879852295, acc = 0.2158203125  
Batch 34: loss = 2.9361116886138916, acc = 0.2060546875  
Batch 35: loss = 2.9985649585723877, acc = 0.205078125  
Batch 36: loss = 2.955998182296753, acc = 0.2158203125  
Batch 37: loss = 2.9666919708251953, acc = 0.201171875  
Batch 38: loss = 2.884507417678833, acc = 0.2236328125  
Batch 39: loss = 2.934347152709961, acc = 0.2109375  
Batch 40: loss = 2.947622299194336, acc = 0.220703125  
Batch 41: loss = 3.036468505859375, acc = 0.2080078125

Epoch 5/100

Batch 1: loss = 2.9781999588012695, acc = 0.2001953125  
Batch 2: loss = 2.9438304901123047, acc = 0.20703125  
Batch 3: loss = 2.9304347038269043, acc = 0.1982421875  
Batch 4: loss = 2.9079694747924805, acc = 0.2216796875  
Batch 5: loss = 2.8803787231445312, acc = 0.23046875  
Batch 6: loss = 2.912307024002075, acc = 0.2314453125  
Batch 7: loss = 2.844129800796509, acc = 0.2255859375  
Batch 8: loss = 2.830625534057617, acc = 0.2265625  
Batch 9: loss = 2.871703624725342, acc = 0.208984375

Batch 10: loss = 2.890040397644043, acc = 0.2138671875  
Batch 11: loss = 2.8717987537384033, acc = 0.21875  
Batch 12: loss = 2.8096859455108643, acc = 0.2216796875  
Batch 13: loss = 2.8514628410339355, acc = 0.2314453125  
Batch 14: loss = 2.843600273132324, acc = 0.205078125  
Batch 15: loss = 2.813250780105591, acc = 0.21875  
Batch 16: loss = 2.836975336074829, acc = 0.224609375  
Batch 17: loss = 2.881199836730957, acc = 0.2236328125  
Batch 18: loss = 2.8553762435913086, acc = 0.234375  
Batch 19: loss = 2.855543613433838, acc = 0.2265625  
Batch 20: loss = 2.791189193725586, acc = 0.2412109375  
Batch 21: loss = 2.785325527191162, acc = 0.240234375  
Batch 22: loss = 2.7282590866088867, acc = 0.255859375  
Batch 23: loss = 2.818657636642456, acc = 0.2314453125  
Batch 24: loss = 2.75394868850708, acc = 0.2431640625  
Batch 25: loss = 2.8569602966308594, acc = 0.2392578125  
Batch 26: loss = 2.7521955966949463, acc = 0.23828125  
Batch 27: loss = 2.828462600708008, acc = 0.2314453125  
Batch 28: loss = 2.807483196258545, acc = 0.2470703125  
Batch 29: loss = 2.7572553157806396, acc = 0.251953125  
Batch 30: loss = 2.7774791717529297, acc = 0.2236328125  
Batch 31: loss = 2.763268232345581, acc = 0.2314453125  
Batch 32: loss = 2.6877329349517822, acc = 0.240234375  
Batch 33: loss = 2.7662477493286133, acc = 0.23828125  
Batch 34: loss = 2.757378101348877, acc = 0.2333984375  
Batch 35: loss = 2.830568313598633, acc = 0.2041015625  
Batch 36: loss = 2.7701809406280518, acc = 0.2333984375  
Batch 37: loss = 2.8238658905029297, acc = 0.2265625  
Batch 38: loss = 2.700875997543335, acc = 0.2587890625  
Batch 39: loss = 2.781374931335449, acc = 0.2421875  
Batch 40: loss = 2.800469398498535, acc = 0.224609375  
Batch 41: loss = 2.9187278747558594, acc = 0.2236328125

Epoch 6/100

Batch 1: loss = 2.8674278259277344, acc = 0.2158203125  
Batch 2: loss = 2.7978248596191406, acc = 0.228515625  
Batch 3: loss = 2.785309314727783, acc = 0.216796875  
Batch 4: loss = 2.728081703186035, acc = 0.234375  
Batch 5: loss = 2.719406843185425, acc = 0.2529296875  
Batch 6: loss = 2.7556443214416504, acc = 0.2412109375  
Batch 7: loss = 2.6921119689941406, acc = 0.25390625  
Batch 8: loss = 2.67880916595459, acc = 0.2744140625  
Batch 9: loss = 2.7015693187713623, acc = 0.2666015625  
Batch 10: loss = 2.7500643730163574, acc = 0.2333984375  
Batch 11: loss = 2.7258429527282715, acc = 0.232421875  
Batch 12: loss = 2.647679328918457, acc = 0.2578125  
Batch 13: loss = 2.73862886428833, acc = 0.2333984375  
Batch 14: loss = 2.712005853652954, acc = 0.23046875



Batch 15: loss = 2.6505167484283447, acc = 0.255859375  
Batch 16: loss = 2.69342041015625, acc = 0.2509765625  
Batch 17: loss = 2.707409143447876, acc = 0.2470703125  
Batch 18: loss = 2.7296180725097656, acc = 0.2568359375  
Batch 19: loss = 2.7267496585845947, acc = 0.2470703125  
Batch 20: loss = 2.672793388366699, acc = 0.2568359375  
Batch 21: loss = 2.651118755340576, acc = 0.2548828125  
Batch 22: loss = 2.57071590423584, acc = 0.2763671875  
Batch 23: loss = 2.681732416152954, acc = 0.2509765625  
Batch 24: loss = 2.59912109375, acc = 0.2646484375  
Batch 25: loss = 2.7515296936035156, acc = 0.2568359375  
Batch 26: loss = 2.5987977981567383, acc = 0.25390625  
Batch 27: loss = 2.686790943145752, acc = 0.2626953125  
Batch 28: loss = 2.6880221366882324, acc = 0.25390625  
Batch 29: loss = 2.6390380859375, acc = 0.2578125  
Batch 30: loss = 2.64180064201355, acc = 0.2470703125  
Batch 31: loss = 2.620659351348877, acc = 0.244140625  
Batch 32: loss = 2.5555429458618164, acc = 0.2666015625  
Batch 33: loss = 2.6453630924224854, acc = 0.24609375  
Batch 34: loss = 2.642427444458008, acc = 0.265625  
Batch 35: loss = 2.697117328643799, acc = 0.234375  
Batch 36: loss = 2.620476245880127, acc = 0.25  
Batch 37: loss = 2.69987154006958, acc = 0.2470703125  
Batch 38: loss = 2.5784735679626465, acc = 0.283203125  
Batch 39: loss = 2.6371617317199707, acc = 0.23828125  
Batch 40: loss = 2.672415256500244, acc = 0.2470703125  
Batch 41: loss = 2.8056702613830566, acc = 0.23046875

Epoch 7/100

Batch 1: loss = 2.7127845287323, acc = 0.244140625  
Batch 2: loss = 2.6497321128845215, acc = 0.25390625  
Batch 3: loss = 2.669384002685547, acc = 0.2353515625  
Batch 4: loss = 2.6317138671875, acc = 0.2529296875  
Batch 5: loss = 2.608841896057129, acc = 0.2568359375  
Batch 6: loss = 2.6556830406188965, acc = 0.2705078125  
Batch 7: loss = 2.5739173889160156, acc = 0.2685546875  
Batch 8: loss = 2.533939838409424, acc = 0.2958984375  
Batch 9: loss = 2.5962367057800293, acc = 0.287109375  
Batch 10: loss = 2.617136240005493, acc = 0.2802734375  
Batch 11: loss = 2.5808398723602295, acc = 0.265625  
Batch 12: loss = 2.5353569984436035, acc = 0.2802734375  
Batch 13: loss = 2.6266679763793945, acc = 0.23046875  
Batch 14: loss = 2.592776298522949, acc = 0.259765625  
Batch 15: loss = 2.5439040660858154, acc = 0.275390625  
Batch 16: loss = 2.5557188987731934, acc = 0.2705078125  
Batch 17: loss = 2.576106548309326, acc = 0.2724609375  
Batch 18: loss = 2.6110219955444336, acc = 0.27734375  
Batch 19: loss = 2.623135805130005, acc = 0.2744140625

Batch 20: loss = 2.5803494453430176, acc = 0.2841796875  
Batch 21: loss = 2.5260705947875977, acc = 0.275390625  
Batch 22: loss = 2.4417057037353516, acc = 0.3046875  
Batch 23: loss = 2.5655980110168457, acc = 0.2763671875  
Batch 24: loss = 2.5025734901428223, acc = 0.2900390625  
Batch 25: loss = 2.6157758235931396, acc = 0.279296875  
Batch 26: loss = 2.474198341369629, acc = 0.2802734375  
Batch 27: loss = 2.572913646697998, acc = 0.2763671875  
Batch 28: loss = 2.55950665473938, acc = 0.2890625  
Batch 29: loss = 2.5318198204040527, acc = 0.2822265625  
Batch 30: loss = 2.518763542175293, acc = 0.2802734375  
Batch 31: loss = 2.511056423187256, acc = 0.2724609375  
Batch 32: loss = 2.431285858154297, acc = 0.296875  
Batch 33: loss = 2.5384368896484375, acc = 0.291015625  
Batch 34: loss = 2.5176784992218018, acc = 0.3017578125  
Batch 35: loss = 2.5731327533721924, acc = 0.2763671875  
Batch 36: loss = 2.511848211288452, acc = 0.283203125  
Batch 37: loss = 2.5707013607025146, acc = 0.28515625  
Batch 38: loss = 2.4563674926757812, acc = 0.3095703125  
Batch 39: loss = 2.528482437133789, acc = 0.28515625  
Batch 40: loss = 2.548570394515991, acc = 0.2880859375  
Batch 41: loss = 2.674196720123291, acc = 0.263671875

Epoch 8/100

Batch 1: loss = 2.6075923442840576, acc = 0.2919921875  
Batch 2: loss = 2.529637336730957, acc = 0.2744140625  
Batch 3: loss = 2.5319314002990723, acc = 0.259765625  
Batch 4: loss = 2.494403839111328, acc = 0.2900390625  
Batch 5: loss = 2.480295419692993, acc = 0.3056640625  
Batch 6: loss = 2.5375096797943115, acc = 0.302734375  
Batch 7: loss = 2.4479081630706787, acc = 0.296875  
Batch 8: loss = 2.384188413619995, acc = 0.3212890625  
Batch 9: loss = 2.452287197113037, acc = 0.3271484375  
Batch 10: loss = 2.4998626708984375, acc = 0.3134765625  
Batch 11: loss = 2.476505756378174, acc = 0.30078125  
Batch 12: loss = 2.3693246841430664, acc = 0.32421875  
Batch 13: loss = 2.4775004386901855, acc = 0.29296875  
Batch 14: loss = 2.4408273696899414, acc = 0.2958984375  
Batch 15: loss = 2.4241437911987305, acc = 0.314453125  
Batch 16: loss = 2.4136457443237305, acc = 0.3017578125  
Batch 17: loss = 2.4162991046905518, acc = 0.3056640625  
Batch 18: loss = 2.453575372695923, acc = 0.3037109375  
Batch 19: loss = 2.4877371788024902, acc = 0.296875  
Batch 20: loss = 2.441582679748535, acc = 0.31640625  
Batch 21: loss = 2.4139628410339355, acc = 0.3134765625  
Batch 22: loss = 2.2983646392822266, acc = 0.3486328125  
Batch 23: loss = 2.4210448265075684, acc = 0.33203125  
Batch 24: loss = 2.3787152767181396, acc = 0.32421875

Batch 25: loss = 2.4564833641052246, acc = 0.306640625  
Batch 26: loss = 2.3463268280029297, acc = 0.3251953125  
Batch 27: loss = 2.4132070541381836, acc = 0.3251953125  
Batch 28: loss = 2.4276702404022217, acc = 0.3212890625  
Batch 29: loss = 2.4062583446502686, acc = 0.3173828125  
Batch 30: loss = 2.3886871337890625, acc = 0.306640625  
Batch 31: loss = 2.3584837913513184, acc = 0.30859375  
Batch 32: loss = 2.286020278930664, acc = 0.341796875  
Batch 33: loss = 2.404846668243408, acc = 0.328125  
Batch 34: loss = 2.3977012634277344, acc = 0.328125  
Batch 35: loss = 2.4577221870422363, acc = 0.3125  
Batch 36: loss = 2.3624963760375977, acc = 0.3212890625  
Batch 37: loss = 2.451542854309082, acc = 0.326171875  
Batch 38: loss = 2.3416826725006104, acc = 0.3349609375  
Batch 39: loss = 2.3995232582092285, acc = 0.310546875  
Batch 40: loss = 2.385693073272705, acc = 0.3251953125  
Batch 41: loss = 2.5016684532165527, acc = 0.3115234375

Epoch 9/100

Batch 1: loss = 2.5019969940185547, acc = 0.318359375  
Batch 2: loss = 2.4039478302001953, acc = 0.314453125  
Batch 3: loss = 2.4153223037719727, acc = 0.3359375  
Batch 4: loss = 2.3796396255493164, acc = 0.3291015625  
Batch 5: loss = 2.3768768310546875, acc = 0.3505859375  
Batch 6: loss = 2.4039487838745117, acc = 0.3291015625  
Batch 7: loss = 2.3098812103271484, acc = 0.326171875  
Batch 8: loss = 2.243302822113037, acc = 0.3720703125  
Batch 9: loss = 2.304500102996826, acc = 0.359375  
Batch 10: loss = 2.3885838985443115, acc = 0.34375  
Batch 11: loss = 2.3564343452453613, acc = 0.3212890625  
Batch 12: loss = 2.2808890342712402, acc = 0.341796875  
Batch 13: loss = 2.351877212524414, acc = 0.3349609375  
Batch 14: loss = 2.325502872467041, acc = 0.33203125  
Batch 15: loss = 2.306839942932129, acc = 0.3505859375  
Batch 16: loss = 2.307180404663086, acc = 0.328125  
Batch 17: loss = 2.2735681533813477, acc = 0.3505859375  
Batch 18: loss = 2.3190178871154785, acc = 0.357421875  
Batch 19: loss = 2.3936381340026855, acc = 0.3291015625  
Batch 20: loss = 2.355245590209961, acc = 0.34765625  
Batch 21: loss = 2.308603286743164, acc = 0.3505859375  
Batch 22: loss = 2.181081771850586, acc = 0.3935546875  
Batch 23: loss = 2.304433822631836, acc = 0.369140625  
Batch 24: loss = 2.278322458267212, acc = 0.34375  
Batch 25: loss = 2.35941481590271, acc = 0.341796875  
Batch 26: loss = 2.2038497924804688, acc = 0.365234375  
Batch 27: loss = 2.2950799465179443, acc = 0.3623046875  
Batch 28: loss = 2.3129329681396484, acc = 0.3466796875  
Batch 29: loss = 2.2944393157958984, acc = 0.3583984375

Batch 30: loss = 2.2693874835968018, acc = 0.34375  
Batch 31: loss = 2.212602138519287, acc = 0.373046875  
Batch 32: loss = 2.1879048347473145, acc = 0.376953125  
Batch 33: loss = 2.285170078277588, acc = 0.3515625  
Batch 34: loss = 2.315707206726074, acc = 0.3427734375  
Batch 35: loss = 2.338103771209717, acc = 0.3466796875  
Batch 36: loss = 2.24241304397583, acc = 0.3623046875  
Batch 37: loss = 2.338467597961426, acc = 0.3466796875  
Batch 38: loss = 2.261446237564087, acc = 0.3408203125  
Batch 39: loss = 2.263277053833008, acc = 0.345703125  
Batch 40: loss = 2.2112910747528076, acc = 0.380859375  
Batch 41: loss = 2.3296546936035156, acc = 0.3720703125

Epoch 10/100

Batch 1: loss = 2.3836076259613037, acc = 0.353515625  
Batch 2: loss = 2.2670488357543945, acc = 0.337890625  
Batch 3: loss = 2.3036298751831055, acc = 0.3515625  
Batch 4: loss = 2.2815184593200684, acc = 0.3466796875  
Batch 5: loss = 2.2722105979919434, acc = 0.3623046875  
Batch 6: loss = 2.287374973297119, acc = 0.3525390625  
Batch 7: loss = 2.2030227184295654, acc = 0.3623046875  
Batch 8: loss = 2.1302173137664795, acc = 0.392578125  
Batch 9: loss = 2.2245306968688965, acc = 0.375  
Batch 10: loss = 2.2810497283935547, acc = 0.36328125  
Batch 11: loss = 2.2531027793884277, acc = 0.33984375  
Batch 12: loss = 2.1859853267669678, acc = 0.373046875  
Batch 13: loss = 2.225022792816162, acc = 0.3779296875  
Batch 14: loss = 2.2305192947387695, acc = 0.3623046875  
Batch 15: loss = 2.2175252437591553, acc = 0.3720703125  
Batch 16: loss = 2.1930642127990723, acc = 0.345703125  
Batch 17: loss = 2.1678860187530518, acc = 0.3916015625  
Batch 18: loss = 2.17536997795105, acc = 0.3955078125  
Batch 19: loss = 2.2714743614196777, acc = 0.33984375  
Batch 20: loss = 2.2472829818725586, acc = 0.361328125  
Batch 21: loss = 2.2461791038513184, acc = 0.357421875  
Batch 22: loss = 2.1053645610809326, acc = 0.39453125  
Batch 23: loss = 2.1828083992004395, acc = 0.375  
Batch 24: loss = 2.1750473976135254, acc = 0.369140625  
Batch 25: loss = 2.270831823348999, acc = 0.3759765625  
Batch 26: loss = 2.1074001789093018, acc = 0.3935546875  
Batch 27: loss = 2.158247470855713, acc = 0.3681640625  
Batch 28: loss = 2.209585189819336, acc = 0.3828125  
Batch 29: loss = 2.17061710357666, acc = 0.3916015625  
Batch 30: loss = 2.14823579788208, acc = 0.38671875  
Batch 31: loss = 2.1016883850097656, acc = 0.400390625  
Batch 32: loss = 2.0836329460144043, acc = 0.4091796875  
Batch 33: loss = 2.1949868202209473, acc = 0.3671875  
Batch 34: loss = 2.239964485168457, acc = 0.359375

Batch 35: loss = 2.2192811965942383, acc = 0.38671875  
Batch 36: loss = 2.1545419692993164, acc = 0.3818359375  
Batch 37: loss = 2.2487387657165527, acc = 0.369140625  
Batch 38: loss = 2.194277763366699, acc = 0.3544921875  
Batch 39: loss = 2.148850917816162, acc = 0.3740234375  
Batch 40: loss = 2.086132526397705, acc = 0.4248046875  
Batch 41: loss = 2.1714632511138916, acc = 0.404296875  
Saved checkpoint to weights\_eminem\_input.txt.10.h5

Epoch 11/100

Batch 1: loss = 2.2682790756225586, acc = 0.36328125  
Batch 2: loss = 2.1643691062927246, acc = 0.37109375  
Batch 3: loss = 2.2051260471343994, acc = 0.3671875  
Batch 4: loss = 2.1682653427124023, acc = 0.3798828125  
Batch 5: loss = 2.1584763526916504, acc = 0.380859375  
Batch 6: loss = 2.18637752532959, acc = 0.3876953125  
Batch 7: loss = 2.102403163909912, acc = 0.3935546875  
Batch 8: loss = 2.00944185256958, acc = 0.4248046875  
Batch 9: loss = 2.103148937225342, acc = 0.40625  
Batch 10: loss = 2.169888496398926, acc = 0.408203125  
Batch 11: loss = 2.1599223613739014, acc = 0.361328125  
Batch 12: loss = 2.1053571701049805, acc = 0.3857421875  
Batch 13: loss = 2.120000123977661, acc = 0.400390625  
Batch 14: loss = 2.136291742324829, acc = 0.3876953125  
Batch 15: loss = 2.110887050628662, acc = 0.400390625  
Batch 16: loss = 2.125655174255371, acc = 0.384765625  
Batch 17: loss = 2.055802345275879, acc = 0.431640625  
Batch 18: loss = 2.0759544372558594, acc = 0.421875  
Batch 19: loss = 2.179668426513672, acc = 0.365234375  
Batch 20: loss = 2.148177146911621, acc = 0.3984375  
Batch 21: loss = 2.155691623687744, acc = 0.3896484375  
Batch 22: loss = 2.029160261154175, acc = 0.408203125  
Batch 23: loss = 2.094365358352661, acc = 0.4150390625  
Batch 24: loss = 2.052910804748535, acc = 0.4052734375  
Batch 25: loss = 2.154571056365967, acc = 0.3896484375  
Batch 26: loss = 2.012078285217285, acc = 0.416015625  
Batch 27: loss = 2.058462619781494, acc = 0.4111328125  
Batch 28: loss = 2.110583782196045, acc = 0.3974609375  
Batch 29: loss = 2.0732874870300293, acc = 0.412109375  
Batch 30: loss = 2.032406806945801, acc = 0.4189453125  
Batch 31: loss = 2.0099072456359863, acc = 0.4267578125  
Batch 32: loss = 2.006420850753784, acc = 0.421875  
Batch 33: loss = 2.10551118850708, acc = 0.388671875  
Batch 34: loss = 2.1641602516174316, acc = 0.380859375  
Batch 35: loss = 2.1312036514282227, acc = 0.3935546875  
Batch 36: loss = 2.0677311420440674, acc = 0.404296875  
Batch 37: loss = 2.158323287963867, acc = 0.3955078125  
Batch 38: loss = 2.1173362731933594, acc = 0.37890625

Batch 39: loss = 2.0850658416748047, acc = 0.3876953125  
Batch 40: loss = 1.987973690032959, acc = 0.42578125  
Batch 41: loss = 2.0725512504577637, acc = 0.4189453125

Epoch 12/100

Batch 1: loss = 2.187321662902832, acc = 0.388671875  
Batch 2: loss = 2.0672006607055664, acc = 0.390625  
Batch 3: loss = 2.128675937652588, acc = 0.3994140625  
Batch 4: loss = 2.050326347351074, acc = 0.41796875  
Batch 5: loss = 2.072556495666504, acc = 0.4072265625  
Batch 6: loss = 2.092914581298828, acc = 0.4033203125  
Batch 7: loss = 2.0037193298339844, acc = 0.4189453125  
Batch 8: loss = 1.9222438335418701, acc = 0.4619140625  
Batch 9: loss = 2.040680408477783, acc = 0.421875  
Batch 10: loss = 2.071640729904175, acc = 0.4208984375  
Batch 11: loss = 2.119894027709961, acc = 0.3701171875  
Batch 12: loss = 2.004622459411621, acc = 0.4267578125  
Batch 13: loss = 2.040496826171875, acc = 0.412109375  
Batch 14: loss = 2.0869944095611572, acc = 0.3818359375  
Batch 15: loss = 2.028254508972168, acc = 0.427734375  
Batch 16: loss = 2.041759967803955, acc = 0.400390625  
Batch 17: loss = 1.9787219762802124, acc = 0.4423828125  
Batch 18: loss = 1.9936259984970093, acc = 0.431640625  
Batch 19: loss = 2.102259874343872, acc = 0.37890625  
Batch 20: loss = 2.0819385051727295, acc = 0.408203125  
Batch 21: loss = 2.0895347595214844, acc = 0.3876953125  
Batch 22: loss = 1.9502133131027222, acc = 0.42578125  
Batch 23: loss = 2.0199570655822754, acc = 0.4267578125  
Batch 24: loss = 1.9952030181884766, acc = 0.4140625  
Batch 25: loss = 2.07552433013916, acc = 0.41015625  
Batch 26: loss = 1.912498950958252, acc = 0.4560546875  
Batch 27: loss = 1.9660990238189697, acc = 0.435546875  
Batch 28: loss = 2.0132229328155518, acc = 0.4150390625  
Batch 29: loss = 1.984755516052246, acc = 0.4384765625  
Batch 30: loss = 1.9320368766784668, acc = 0.4384765625  
Batch 31: loss = 1.9153664112091064, acc = 0.44921875  
Batch 32: loss = 1.9208735227584839, acc = 0.4443359375  
Batch 33: loss = 2.043309450149536, acc = 0.4013671875  
Batch 34: loss = 2.107999324798584, acc = 0.3935546875  
Batch 35: loss = 2.0533738136291504, acc = 0.421875  
Batch 36: loss = 1.97785484790802, acc = 0.4296875  
Batch 37: loss = 2.0880143642425537, acc = 0.412109375  
Batch 38: loss = 2.0628795623779297, acc = 0.3974609375  
Batch 39: loss = 2.021821975708008, acc = 0.4228515625  
Batch 40: loss = 1.930176019668579, acc = 0.447265625  
Batch 41: loss = 1.9892691373825073, acc = 0.4384765625

Epoch 13/100

Batch 1: loss = 2.097781181335449, acc = 0.4111328125  
Batch 2: loss = 1.997706651687622, acc = 0.412109375  
Batch 3: loss = 2.0493884086608887, acc = 0.41796875  
Batch 4: loss = 1.9924254417419434, acc = 0.427734375  
Batch 5: loss = 1.9984805583953857, acc = 0.4296875  
Batch 6: loss = 1.9996918439865112, acc = 0.4443359375  
Batch 7: loss = 1.919225811958313, acc = 0.4384765625  
Batch 8: loss = 1.8456242084503174, acc = 0.46484375  
Batch 9: loss = 1.9602521657943726, acc = 0.4326171875  
Batch 10: loss = 2.0094616413116455, acc = 0.4443359375  
Batch 11: loss = 2.051807403564453, acc = 0.4169921875  
Batch 12: loss = 1.9789412021636963, acc = 0.4365234375  
Batch 13: loss = 1.974294662475586, acc = 0.4423828125  
Batch 14: loss = 1.9978052377700806, acc = 0.4130859375  
Batch 15: loss = 1.9545539617538452, acc = 0.4404296875  
Batch 16: loss = 1.9650896787643433, acc = 0.4189453125  
Batch 17: loss = 1.9323763847351074, acc = 0.447265625  
Batch 18: loss = 1.9260274171829224, acc = 0.4521484375  
Batch 19: loss = 2.0271763801574707, acc = 0.404296875  
Batch 20: loss = 2.0269975662231445, acc = 0.416015625  
Batch 21: loss = 2.034114360809326, acc = 0.4140625  
Batch 22: loss = 1.9149198532104492, acc = 0.4287109375  
Batch 23: loss = 1.9338597059249878, acc = 0.44921875  
Batch 24: loss = 1.9048261642456055, acc = 0.453125  
Batch 25: loss = 1.98997962474823, acc = 0.4287109375  
Batch 26: loss = 1.8496358394622803, acc = 0.4580078125  
Batch 27: loss = 1.8712232112884521, acc = 0.47265625  
Batch 28: loss = 1.932135820388794, acc = 0.4404296875  
Batch 29: loss = 1.9022520780563354, acc = 0.453125  
Batch 30: loss = 1.8629953861236572, acc = 0.4716796875  
Batch 31: loss = 1.8616665601730347, acc = 0.466796875  
Batch 32: loss = 1.843325138092041, acc = 0.455078125  
Batch 33: loss = 1.9771673679351807, acc = 0.41796875  
Batch 34: loss = 2.0510218143463135, acc = 0.4189453125  
Batch 35: loss = 1.9877841472625732, acc = 0.423828125  
Batch 36: loss = 1.9167190790176392, acc = 0.4453125  
Batch 37: loss = 1.9972079992294312, acc = 0.4228515625  
Batch 38: loss = 2.0041422843933105, acc = 0.41796875  
Batch 39: loss = 1.9398456811904907, acc = 0.4287109375  
Batch 40: loss = 1.876652717590332, acc = 0.4580078125  
Batch 41: loss = 1.9378669261932373, acc = 0.451171875

Epoch 14/100

Batch 1: loss = 2.04841685295105, acc = 0.4267578125  
Batch 2: loss = 1.912412405014038, acc = 0.447265625  
Batch 3: loss = 1.9773900508880615, acc = 0.4404296875  
Batch 4: loss = 1.9149730205535889, acc = 0.447265625  
Batch 5: loss = 1.9092559814453125, acc = 0.447265625

Batch 6: loss = 1.9074296951293945, acc = 0.4599609375  
Batch 7: loss = 1.852280616760254, acc = 0.4384765625  
Batch 8: loss = 1.7669520378112793, acc = 0.4833984375  
Batch 9: loss = 1.8704668283462524, acc = 0.4658203125  
Batch 10: loss = 1.9338550567626953, acc = 0.44921875  
Batch 11: loss = 2.0024874210357666, acc = 0.3984375  
Batch 12: loss = 1.9260730743408203, acc = 0.4404296875  
Batch 13: loss = 1.9232430458068848, acc = 0.431640625  
Batch 14: loss = 1.9264442920684814, acc = 0.4345703125  
Batch 15: loss = 1.892475962638855, acc = 0.4560546875  
Batch 16: loss = 1.9161980152130127, acc = 0.4228515625  
Batch 17: loss = 1.8665601015090942, acc = 0.46484375  
Batch 18: loss = 1.8826658725738525, acc = 0.4501953125  
Batch 19: loss = 1.9789774417877197, acc = 0.416015625  
Batch 20: loss = 1.9446289539337158, acc = 0.4326171875  
Batch 21: loss = 2.00638747215271, acc = 0.4208984375  
Batch 22: loss = 1.8558855056762695, acc = 0.4482421875  
Batch 23: loss = 1.8721683025360107, acc = 0.4599609375  
Batch 24: loss = 1.8681010007858276, acc = 0.4609375  
Batch 25: loss = 1.9682115316390991, acc = 0.431640625  
Batch 26: loss = 1.8028578758239746, acc = 0.4609375  
Batch 27: loss = 1.8099583387374878, acc = 0.486328125  
Batch 28: loss = 1.8657793998718262, acc = 0.4677734375  
Batch 29: loss = 1.8485889434814453, acc = 0.47265625  
Batch 30: loss = 1.7946926355361938, acc = 0.4853515625  
Batch 31: loss = 1.8079184293746948, acc = 0.4892578125  
Batch 32: loss = 1.8222813606262207, acc = 0.455078125  
Batch 33: loss = 1.918678879737854, acc = 0.44140625  
Batch 34: loss = 2.0263781547546387, acc = 0.408203125  
Batch 35: loss = 1.9524424076080322, acc = 0.439453125  
Batch 36: loss = 1.8611109256744385, acc = 0.44921875  
Batch 37: loss = 1.9556187391281128, acc = 0.4423828125  
Batch 38: loss = 1.9484269618988037, acc = 0.4306640625  
Batch 39: loss = 1.8767021894454956, acc = 0.4599609375  
Batch 40: loss = 1.8077607154846191, acc = 0.482421875  
Batch 41: loss = 1.8601598739624023, acc = 0.474609375

Epoch 15/100

Batch 1: loss = 1.974545955657959, acc = 0.4453125  
Batch 2: loss = 1.8567816019058228, acc = 0.45703125  
Batch 3: loss = 1.9178613424301147, acc = 0.44921875  
Batch 4: loss = 1.8693182468414307, acc = 0.4580078125  
Batch 5: loss = 1.829082727432251, acc = 0.48046875  
Batch 6: loss = 1.8695828914642334, acc = 0.4775390625  
Batch 7: loss = 1.764862060546875, acc = 0.490234375  
Batch 8: loss = 1.678091049194336, acc = 0.521484375  
Batch 9: loss = 1.8111038208007812, acc = 0.4609375  
Batch 10: loss = 1.8648838996887207, acc = 0.4599609375



Batch 11: loss = 1.942615270614624, acc = 0.421875  
Batch 12: loss = 1.8464041948318481, acc = 0.4609375  
Batch 13: loss = 1.8358848094940186, acc = 0.4443359375  
Batch 14: loss = 1.8475502729415894, acc = 0.455078125  
Batch 15: loss = 1.8621896505355835, acc = 0.4658203125  
Batch 16: loss = 1.8726098537445068, acc = 0.447265625  
Batch 17: loss = 1.8153579235076904, acc = 0.47265625  
Batch 18: loss = 1.8509427309036255, acc = 0.4736328125  
Batch 19: loss = 1.932320475578308, acc = 0.4384765625  
Batch 20: loss = 1.9059607982635498, acc = 0.451171875  
Batch 21: loss = 1.9216070175170898, acc = 0.435546875  
Batch 22: loss = 1.8004462718963623, acc = 0.4736328125  
Batch 23: loss = 1.8286542892456055, acc = 0.474609375  
Batch 24: loss = 1.8033757209777832, acc = 0.46484375  
Batch 25: loss = 1.9117586612701416, acc = 0.4462890625  
Batch 26: loss = 1.7320857048034668, acc = 0.4697265625  
Batch 27: loss = 1.7304584980010986, acc = 0.51171875  
Batch 28: loss = 1.8433847427368164, acc = 0.486328125  
Batch 29: loss = 1.7619596719741821, acc = 0.5029296875  
Batch 30: loss = 1.752706527709961, acc = 0.4853515625  
Batch 31: loss = 1.7286298274993896, acc = 0.4931640625  
Batch 32: loss = 1.7378908395767212, acc = 0.4814453125  
Batch 33: loss = 1.8750137090682983, acc = 0.451171875  
Batch 34: loss = 1.9554409980773926, acc = 0.4375  
Batch 35: loss = 1.8735673427581787, acc = 0.4560546875  
Batch 36: loss = 1.781632661819458, acc = 0.46875  
Batch 37: loss = 1.881759762763977, acc = 0.4580078125  
Batch 38: loss = 1.9177982807159424, acc = 0.4287109375  
Batch 39: loss = 1.8569433689117432, acc = 0.4638671875  
Batch 40: loss = 1.7646243572235107, acc = 0.4775390625  
Batch 41: loss = 1.8172146081924438, acc = 0.4609375

Epoch 16/100

Batch 1: loss = 1.9171674251556396, acc = 0.466796875  
Batch 2: loss = 1.7878663539886475, acc = 0.4755859375  
Batch 3: loss = 1.8484392166137695, acc = 0.4658203125  
Batch 4: loss = 1.7945786714553833, acc = 0.4765625  
Batch 5: loss = 1.7314081192016602, acc = 0.5087890625  
Batch 6: loss = 1.7851189374923706, acc = 0.5  
Batch 7: loss = 1.716900110244751, acc = 0.494140625  
Batch 8: loss = 1.6395536661148071, acc = 0.5283203125  
Batch 9: loss = 1.761866807937622, acc = 0.4814453125  
Batch 10: loss = 1.7867306470870972, acc = 0.501953125  
Batch 11: loss = 1.912428617477417, acc = 0.4365234375  
Batch 12: loss = 1.7964166402816772, acc = 0.4560546875  
Batch 13: loss = 1.79976487159729, acc = 0.455078125  
Batch 14: loss = 1.8079698085784912, acc = 0.4697265625  
Batch 15: loss = 1.780958890914917, acc = 0.482421875

Batch 16: loss = 1.8226057291030884, acc = 0.4501953125  
Batch 17: loss = 1.7758138179779053, acc = 0.4716796875  
Batch 18: loss = 1.7965666055679321, acc = 0.486328125  
Batch 19: loss = 1.88130784034729, acc = 0.44140625  
Batch 20: loss = 1.865910530090332, acc = 0.470703125  
Batch 21: loss = 1.8707010746002197, acc = 0.458984375  
Batch 22: loss = 1.757575273513794, acc = 0.4755859375  
Batch 23: loss = 1.7597830295562744, acc = 0.49609375  
Batch 24: loss = 1.7686288356781006, acc = 0.4951171875  
Batch 25: loss = 1.8625580072402954, acc = 0.462890625  
Batch 26: loss = 1.6807200908660889, acc = 0.501953125  
Batch 27: loss = 1.664231777191162, acc = 0.50390625  
Batch 28: loss = 1.745436668395996, acc = 0.5  
Batch 29: loss = 1.7328212261199951, acc = 0.51171875  
Batch 30: loss = 1.683095932006836, acc = 0.517578125  
Batch 31: loss = 1.6741533279418945, acc = 0.52734375  
Batch 32: loss = 1.689516305923462, acc = 0.5009765625  
Batch 33: loss = 1.816955327987671, acc = 0.4658203125  
Batch 34: loss = 1.9181753396987915, acc = 0.4443359375  
Batch 35: loss = 1.8466355800628662, acc = 0.4638671875  
Batch 36: loss = 1.747628092765808, acc = 0.474609375  
Batch 37: loss = 1.8365557193756104, acc = 0.4580078125  
Batch 38: loss = 1.844066858291626, acc = 0.4599609375  
Batch 39: loss = 1.7782474756240845, acc = 0.4814453125  
Batch 40: loss = 1.7139713764190674, acc = 0.498046875  
Batch 41: loss = 1.766059398651123, acc = 0.4833984375

Epoch 17/100

Batch 1: loss = 1.8396819829940796, acc = 0.4794921875  
Batch 2: loss = 1.7477009296417236, acc = 0.515625  
Batch 3: loss = 1.7815110683441162, acc = 0.5  
Batch 4: loss = 1.736627221107483, acc = 0.484375  
Batch 5: loss = 1.6940298080444336, acc = 0.4912109375  
Batch 6: loss = 1.7090864181518555, acc = 0.5126953125  
Batch 7: loss = 1.6515083312988281, acc = 0.48828125  
Batch 8: loss = 1.5777907371520996, acc = 0.548828125  
Batch 9: loss = 1.6998425722122192, acc = 0.498046875  
Batch 10: loss = 1.7509021759033203, acc = 0.4921875  
Batch 11: loss = 1.8609918355941772, acc = 0.447265625  
Batch 12: loss = 1.7499206066131592, acc = 0.4853515625  
Batch 13: loss = 1.7352324724197388, acc = 0.48046875  
Batch 14: loss = 1.7803928852081299, acc = 0.4814453125  
Batch 15: loss = 1.7551116943359375, acc = 0.498046875  
Batch 16: loss = 1.7520524263381958, acc = 0.462890625  
Batch 17: loss = 1.7068495750427246, acc = 0.498046875  
Batch 18: loss = 1.7400933504104614, acc = 0.484375  
Batch 19: loss = 1.820612907409668, acc = 0.451171875  
Batch 20: loss = 1.8121975660324097, acc = 0.4755859375

Batch 21: loss = 1.8540358543395996, acc = 0.4404296875  
Batch 22: loss = 1.6942992210388184, acc = 0.498046875  
Batch 23: loss = 1.7005527019500732, acc = 0.5224609375  
Batch 24: loss = 1.7261719703674316, acc = 0.4990234375  
Batch 25: loss = 1.8375664949417114, acc = 0.47265625  
Batch 26: loss = 1.61029851436615, acc = 0.5224609375  
Batch 27: loss = 1.5871500968933105, acc = 0.5341796875  
Batch 28: loss = 1.6851069927215576, acc = 0.5078125  
Batch 29: loss = 1.6653344631195068, acc = 0.533203125  
Batch 30: loss = 1.6592190265655518, acc = 0.521484375  
Batch 31: loss = 1.6400866508483887, acc = 0.537109375  
Batch 32: loss = 1.6365892887115479, acc = 0.5078125  
Batch 33: loss = 1.7807276248931885, acc = 0.4501953125  
Batch 34: loss = 1.8626391887664795, acc = 0.45703125  
Batch 35: loss = 1.7963038682937622, acc = 0.4873046875  
Batch 36: loss = 1.698117971420288, acc = 0.482421875  
Batch 37: loss = 1.81040358543396, acc = 0.4775390625  
Batch 38: loss = 1.7874579429626465, acc = 0.46484375  
Batch 39: loss = 1.735339879989624, acc = 0.4853515625  
Batch 40: loss = 1.6944409608840942, acc = 0.4990234375  
Batch 41: loss = 1.7358152866363525, acc = 0.484375

Epoch 18/100

Batch 1: loss = 1.8000147342681885, acc = 0.4970703125  
Batch 2: loss = 1.6882466077804565, acc = 0.515625  
Batch 3: loss = 1.7469040155410767, acc = 0.498046875  
Batch 4: loss = 1.685945987701416, acc = 0.51171875  
Batch 5: loss = 1.6348103284835815, acc = 0.51953125  
Batch 6: loss = 1.6554455757141113, acc = 0.52734375  
Batch 7: loss = 1.5768654346466064, acc = 0.5498046875  
Batch 8: loss = 1.5129518508911133, acc = 0.5576171875  
Batch 9: loss = 1.6607818603515625, acc = 0.5107421875  
Batch 10: loss = 1.6917459964752197, acc = 0.51953125  
Batch 11: loss = 1.8351061344146729, acc = 0.4521484375  
Batch 12: loss = 1.705634593963623, acc = 0.4931640625  
Batch 13: loss = 1.7013235092163086, acc = 0.4951171875  
Batch 14: loss = 1.6931774616241455, acc = 0.48828125  
Batch 15: loss = 1.7155520915985107, acc = 0.501953125  
Batch 16: loss = 1.691087007522583, acc = 0.4853515625  
Batch 17: loss = 1.6812849044799805, acc = 0.513671875  
Batch 18: loss = 1.6938600540161133, acc = 0.5068359375  
Batch 19: loss = 1.7870383262634277, acc = 0.458984375  
Batch 20: loss = 1.7463603019714355, acc = 0.5009765625  
Batch 21: loss = 1.7854551076889038, acc = 0.4716796875  
Batch 22: loss = 1.6645276546478271, acc = 0.5126953125  
Batch 23: loss = 1.6834765672683716, acc = 0.5185546875  
Batch 24: loss = 1.644524335861206, acc = 0.5263671875  
Batch 25: loss = 1.7464044094085693, acc = 0.5

Batch 26: loss = 1.5408445596694946, acc = 0.5322265625  
Batch 27: loss = 1.5244961977005005, acc = 0.576171875  
Batch 28: loss = 1.6290934085845947, acc = 0.5283203125  
Batch 29: loss = 1.617188572883606, acc = 0.5361328125  
Batch 30: loss = 1.5850633382797241, acc = 0.5361328125  
Batch 31: loss = 1.56826651096344, acc = 0.548828125  
Batch 32: loss = 1.6061933040618896, acc = 0.5234375  
Batch 33: loss = 1.731795072555542, acc = 0.4794921875  
Batch 34: loss = 1.816699504852295, acc = 0.47265625  
Batch 35: loss = 1.7600083351135254, acc = 0.48046875  
Batch 36: loss = 1.6253819465637207, acc = 0.513671875  
Batch 37: loss = 1.758047342300415, acc = 0.50390625  
Batch 38: loss = 1.7313668727874756, acc = 0.4892578125  
Batch 39: loss = 1.6698592901229858, acc = 0.5126953125  
Batch 40: loss = 1.6292552947998047, acc = 0.5244140625  
Batch 41: loss = 1.6885836124420166, acc = 0.501953125

Epoch 19/100

Batch 1: loss = 1.757211685180664, acc = 0.5068359375  
Batch 2: loss = 1.6432501077651978, acc = 0.5302734375  
Batch 3: loss = 1.6878490447998047, acc = 0.5224609375  
Batch 4: loss = 1.6342494487762451, acc = 0.5205078125  
Batch 5: loss = 1.5694973468780518, acc = 0.5419921875  
Batch 6: loss = 1.5882530212402344, acc = 0.537109375  
Batch 7: loss = 1.5595309734344482, acc = 0.5390625  
Batch 8: loss = 1.4553285837173462, acc = 0.59375  
Batch 9: loss = 1.5945388078689575, acc = 0.515625  
Batch 10: loss = 1.6437522172927856, acc = 0.5283203125  
Batch 11: loss = 1.7579715251922607, acc = 0.474609375  
Batch 12: loss = 1.6606838703155518, acc = 0.49609375  
Batch 13: loss = 1.63742995262146, acc = 0.5009765625  
Batch 14: loss = 1.655517578125, acc = 0.5087890625  
Batch 15: loss = 1.6216379404067993, acc = 0.5234375  
Batch 16: loss = 1.6436396837234497, acc = 0.513671875  
Batch 17: loss = 1.634190559387207, acc = 0.5107421875  
Batch 18: loss = 1.6315274238586426, acc = 0.5146484375  
Batch 19: loss = 1.7118279933929443, acc = 0.48046875  
Batch 20: loss = 1.7272655963897705, acc = 0.4921875  
Batch 21: loss = 1.7280573844909668, acc = 0.47265625  
Batch 22: loss = 1.6254174709320068, acc = 0.525390625  
Batch 23: loss = 1.6332838535308838, acc = 0.5283203125  
Batch 24: loss = 1.5824236869812012, acc = 0.537109375  
Batch 25: loss = 1.6851670742034912, acc = 0.51953125  
Batch 26: loss = 1.4957525730133057, acc = 0.5517578125  
Batch 27: loss = 1.479366660118103, acc = 0.56640625  
Batch 28: loss = 1.5737152099609375, acc = 0.52734375  
Batch 29: loss = 1.5367085933685303, acc = 0.5654296875  
Batch 30: loss = 1.5275230407714844, acc = 0.564453125

Batch 31: loss = 1.5165678262710571, acc = 0.5595703125  
Batch 32: loss = 1.5423197746276855, acc = 0.537109375  
Batch 33: loss = 1.687674880027771, acc = 0.494140625  
Batch 34: loss = 1.7682769298553467, acc = 0.4990234375  
Batch 35: loss = 1.6723328828811646, acc = 0.5126953125  
Batch 36: loss = 1.5853583812713623, acc = 0.5283203125  
Batch 37: loss = 1.6982624530792236, acc = 0.4970703125  
Batch 38: loss = 1.707122802734375, acc = 0.490234375  
Batch 39: loss = 1.6711747646331787, acc = 0.517578125  
Batch 40: loss = 1.5884895324707031, acc = 0.51953125  
Batch 41: loss = 1.646139144897461, acc = 0.5078125

Epoch 20/100

Batch 1: loss = 1.6883809566497803, acc = 0.5419921875  
Batch 2: loss = 1.5701165199279785, acc = 0.53515625  
Batch 3: loss = 1.6398544311523438, acc = 0.5224609375  
Batch 4: loss = 1.5803980827331543, acc = 0.5419921875  
Batch 5: loss = 1.547773838043213, acc = 0.5576171875  
Batch 6: loss = 1.539847493171692, acc = 0.5615234375  
Batch 7: loss = 1.4680440425872803, acc = 0.5751953125  
Batch 8: loss = 1.4209471940994263, acc = 0.5927734375  
Batch 9: loss = 1.556289553642273, acc = 0.5361328125  
Batch 10: loss = 1.579685926437378, acc = 0.546875  
Batch 11: loss = 1.7439618110656738, acc = 0.466796875  
Batch 12: loss = 1.631995439529419, acc = 0.51953125  
Batch 13: loss = 1.5924955606460571, acc = 0.5322265625  
Batch 14: loss = 1.609107494354248, acc = 0.513671875  
Batch 15: loss = 1.5752118825912476, acc = 0.544921875  
Batch 16: loss = 1.616265058517456, acc = 0.5126953125  
Batch 17: loss = 1.5809706449508667, acc = 0.53515625  
Batch 18: loss = 1.577631950378418, acc = 0.54296875  
Batch 19: loss = 1.6922203302383423, acc = 0.486328125  
Batch 20: loss = 1.6481894254684448, acc = 0.5078125  
Batch 21: loss = 1.6994786262512207, acc = 0.4873046875  
Batch 22: loss = 1.5727041959762573, acc = 0.5166015625  
Batch 23: loss = 1.5327327251434326, acc = 0.5498046875  
Batch 24: loss = 1.5544723272323608, acc = 0.5439453125  
Batch 25: loss = 1.6625030040740967, acc = 0.5166015625  
Batch 26: loss = 1.426405429840088, acc = 0.5830078125  
Batch 27: loss = 1.4457018375396729, acc = 0.5791015625  
Batch 28: loss = 1.5294053554534912, acc = 0.544921875  
Batch 29: loss = 1.5218390226364136, acc = 0.5703125  
Batch 30: loss = 1.468590497970581, acc = 0.5810546875  
Batch 31: loss = 1.4851845502853394, acc = 0.57421875  
Batch 32: loss = 1.5130414962768555, acc = 0.5517578125  
Batch 33: loss = 1.6626774072647095, acc = 0.5  
Batch 34: loss = 1.7434524297714233, acc = 0.486328125  
Batch 35: loss = 1.635509729385376, acc = 0.513671875

Batch 36: loss = 1.5450854301452637, acc = 0.5302734375  
Batch 37: loss = 1.633779764175415, acc = 0.5009765625  
Batch 38: loss = 1.6549129486083984, acc = 0.5126953125  
Batch 39: loss = 1.6414275169372559, acc = 0.515625  
Batch 40: loss = 1.575272560119629, acc = 0.53125  
Batch 41: loss = 1.6003010272979736, acc = 0.521484375  
Saved checkpoint to weights\_eminem\_input.txt.20.h5

Epoch 21/100

Batch 1: loss = 1.6353516578674316, acc = 0.541015625  
Batch 2: loss = 1.548691749572754, acc = 0.5537109375  
Batch 3: loss = 1.6009584665298462, acc = 0.5380859375  
Batch 4: loss = 1.534894347190857, acc = 0.546875  
Batch 5: loss = 1.4762296676635742, acc = 0.5654296875  
Batch 6: loss = 1.5105382204055786, acc = 0.5869140625  
Batch 7: loss = 1.4597657918930054, acc = 0.5771484375  
Batch 8: loss = 1.393816590309143, acc = 0.603515625  
Batch 9: loss = 1.5114517211914062, acc = 0.544921875  
Batch 10: loss = 1.542067289352417, acc = 0.560546875  
Batch 11: loss = 1.679539680480957, acc = 0.48828125  
Batch 12: loss = 1.5690141916275024, acc = 0.5234375  
Batch 13: loss = 1.586179494857788, acc = 0.5244140625  
Batch 14: loss = 1.5777454376220703, acc = 0.5224609375  
Batch 15: loss = 1.5394322872161865, acc = 0.5498046875  
Batch 16: loss = 1.57607102394104, acc = 0.529296875  
Batch 17: loss = 1.5812277793884277, acc = 0.533203125  
Batch 18: loss = 1.592248797416687, acc = 0.5341796875  
Batch 19: loss = 1.671066164970398, acc = 0.5009765625  
Batch 20: loss = 1.6163311004638672, acc = 0.5322265625  
Batch 21: loss = 1.6650798320770264, acc = 0.5146484375  
Batch 22: loss = 1.538818120956421, acc = 0.5361328125  
Batch 23: loss = 1.5467934608459473, acc = 0.564453125  
Batch 24: loss = 1.5306832790374756, acc = 0.5546875  
Batch 25: loss = 1.620624303817749, acc = 0.52734375  
Batch 26: loss = 1.4381802082061768, acc = 0.576171875  
Batch 27: loss = 1.3887518644332886, acc = 0.5927734375  
Batch 28: loss = 1.4799537658691406, acc = 0.55859375  
Batch 29: loss = 1.4623750448226929, acc = 0.5732421875  
Batch 30: loss = 1.4340747594833374, acc = 0.5791015625  
Batch 31: loss = 1.461321473121643, acc = 0.578125  
Batch 32: loss = 1.4575324058532715, acc = 0.5634765625  
Batch 33: loss = 1.6479077339172363, acc = 0.5  
Batch 34: loss = 1.6703823804855347, acc = 0.4990234375  
Batch 35: loss = 1.6108520030975342, acc = 0.5283203125  
Batch 36: loss = 1.4910874366760254, acc = 0.5517578125  
Batch 37: loss = 1.6131579875946045, acc = 0.5185546875  
Batch 38: loss = 1.6240900754928589, acc = 0.515625  
Batch 39: loss = 1.6000092029571533, acc = 0.5341796875

Batch 40: loss = 1.5185413360595703, acc = 0.5498046875  
Batch 41: loss = 1.5705804824829102, acc = 0.53515625

Epoch 22/100

Batch 1: loss = 1.601102352142334, acc = 0.5458984375  
Batch 2: loss = 1.4706602096557617, acc = 0.5927734375  
Batch 3: loss = 1.555783748626709, acc = 0.556640625  
Batch 4: loss = 1.4924719333648682, acc = 0.5634765625  
Batch 5: loss = 1.443556547164917, acc = 0.5693359375  
Batch 6: loss = 1.4291898012161255, acc = 0.591796875  
Batch 7: loss = 1.4077684879302979, acc = 0.5908203125  
Batch 8: loss = 1.3430492877960205, acc = 0.611328125  
Batch 9: loss = 1.4594873189926147, acc = 0.5732421875  
Batch 10: loss = 1.4978909492492676, acc = 0.5751953125  
Batch 11: loss = 1.646122694015503, acc = 0.4912109375  
Batch 12: loss = 1.5424106121063232, acc = 0.5341796875  
Batch 13: loss = 1.5213452577590942, acc = 0.5517578125  
Batch 14: loss = 1.5143253803253174, acc = 0.55859375  
Batch 15: loss = 1.5209962129592896, acc = 0.5576171875  
Batch 16: loss = 1.5336164236068726, acc = 0.541015625  
Batch 17: loss = 1.5169726610183716, acc = 0.5546875  
Batch 18: loss = 1.5208759307861328, acc = 0.5595703125  
Batch 19: loss = 1.6353191137313843, acc = 0.5048828125  
Batch 20: loss = 1.5811576843261719, acc = 0.54296875  
Batch 21: loss = 1.6212877035140991, acc = 0.509765625  
Batch 22: loss = 1.5060768127441406, acc = 0.5556640625  
Batch 23: loss = 1.4907739162445068, acc = 0.5634765625  
Batch 24: loss = 1.480879306793213, acc = 0.5654296875  
Batch 25: loss = 1.5870823860168457, acc = 0.5380859375  
Batch 26: loss = 1.3853187561035156, acc = 0.6015625  
Batch 27: loss = 1.3333854675292969, acc = 0.6025390625  
Batch 28: loss = 1.4682633876800537, acc = 0.57421875  
Batch 29: loss = 1.4095942974090576, acc = 0.5947265625  
Batch 30: loss = 1.40542471408844, acc = 0.5966796875  
Batch 31: loss = 1.4116723537445068, acc = 0.5947265625  
Batch 32: loss = 1.4413191080093384, acc = 0.5849609375  
Batch 33: loss = 1.584420919418335, acc = 0.529296875  
Batch 34: loss = 1.6534345149993896, acc = 0.513671875  
Batch 35: loss = 1.5755236148834229, acc = 0.5400390625  
Batch 36: loss = 1.4464168548583984, acc = 0.564453125  
Batch 37: loss = 1.5764187574386597, acc = 0.53125  
Batch 38: loss = 1.5847851037979126, acc = 0.5537109375  
Batch 39: loss = 1.5365382432937622, acc = 0.5439453125  
Batch 40: loss = 1.4868309497833252, acc = 0.55859375  
Batch 41: loss = 1.5653457641601562, acc = 0.533203125

Epoch 23/100

Batch 1: loss = 1.5965138673782349, acc = 0.54296875

Batch 2: loss = 1.439239740371704, acc = 0.5859375  
Batch 3: loss = 1.4742095470428467, acc = 0.5869140625  
Batch 4: loss = 1.436055064201355, acc = 0.578125  
Batch 5: loss = 1.3963849544525146, acc = 0.595703125  
Batch 6: loss = 1.3925641775131226, acc = 0.6142578125  
Batch 7: loss = 1.3617653846740723, acc = 0.59765625  
Batch 8: loss = 1.3267953395843506, acc = 0.625  
Batch 9: loss = 1.4475877285003662, acc = 0.5712890625  
Batch 10: loss = 1.482213020324707, acc = 0.5791015625  
Batch 11: loss = 1.633401870727539, acc = 0.4921875  
Batch 12: loss = 1.491218090057373, acc = 0.544921875  
Batch 13: loss = 1.4665443897247314, acc = 0.5546875  
Batch 14: loss = 1.4713115692138672, acc = 0.5517578125  
Batch 15: loss = 1.4732556343078613, acc = 0.5771484375  
Batch 16: loss = 1.474473237991333, acc = 0.57421875  
Batch 17: loss = 1.4943020343780518, acc = 0.572265625  
Batch 18: loss = 1.5041903257369995, acc = 0.5595703125  
Batch 19: loss = 1.6112940311431885, acc = 0.5107421875  
Batch 20: loss = 1.5638973712921143, acc = 0.544921875  
Batch 21: loss = 1.6073565483093262, acc = 0.5185546875  
Batch 22: loss = 1.490177035331726, acc = 0.560546875  
Batch 23: loss = 1.4644620418548584, acc = 0.5771484375  
Batch 24: loss = 1.4236270189285278, acc = 0.5830078125  
Batch 25: loss = 1.5186901092529297, acc = 0.5576171875  
Batch 26: loss = 1.355210781097412, acc = 0.59375  
Batch 27: loss = 1.3048369884490967, acc = 0.6318359375  
Batch 28: loss = 1.4377241134643555, acc = 0.58203125  
Batch 29: loss = 1.3823938369750977, acc = 0.6083984375  
Batch 30: loss = 1.3722304105758667, acc = 0.599609375  
Batch 31: loss = 1.3991365432739258, acc = 0.595703125  
Batch 32: loss = 1.4075229167938232, acc = 0.5703125  
Batch 33: loss = 1.5131884813308716, acc = 0.5458984375  
Batch 34: loss = 1.6061968803405762, acc = 0.517578125  
Batch 35: loss = 1.5284922122955322, acc = 0.54296875  
Batch 36: loss = 1.3873094320297241, acc = 0.5888671875  
Batch 37: loss = 1.5356698036193848, acc = 0.546875  
Batch 38: loss = 1.5346845388412476, acc = 0.541015625  
Batch 39: loss = 1.4979171752929688, acc = 0.560546875  
Batch 40: loss = 1.435283899307251, acc = 0.578125  
Batch 41: loss = 1.5492186546325684, acc = 0.5263671875

Epoch 24/100

Batch 1: loss = 1.5424553155899048, acc = 0.55859375  
Batch 2: loss = 1.412731647491455, acc = 0.583984375  
Batch 3: loss = 1.460336446762085, acc = 0.572265625  
Batch 4: loss = 1.4298605918884277, acc = 0.5771484375  
Batch 5: loss = 1.328413963317871, acc = 0.6103515625  
Batch 6: loss = 1.3279473781585693, acc = 0.6318359375



Batch 7: loss = 1.3691916465759277, acc = 0.5927734375  
Batch 8: loss = 1.2784892320632935, acc = 0.6328125  
Batch 9: loss = 1.4281294345855713, acc = 0.57421875  
Batch 10: loss = 1.4327805042266846, acc = 0.5771484375  
Batch 11: loss = 1.5949771404266357, acc = 0.5087890625  
Batch 12: loss = 1.4802932739257812, acc = 0.5517578125  
Batch 13: loss = 1.4425865411758423, acc = 0.5634765625  
Batch 14: loss = 1.4566032886505127, acc = 0.5595703125  
Batch 15: loss = 1.4313955307006836, acc = 0.603515625  
Batch 16: loss = 1.4654779434204102, acc = 0.55859375  
Batch 17: loss = 1.4467954635620117, acc = 0.576171875  
Batch 18: loss = 1.467392921447754, acc = 0.5693359375  
Batch 19: loss = 1.5589599609375, acc = 0.5419921875  
Batch 20: loss = 1.5171279907226562, acc = 0.53515625  
Batch 21: loss = 1.5473204851150513, acc = 0.5322265625  
Batch 22: loss = 1.4671428203582764, acc = 0.5458984375  
Batch 23: loss = 1.4689511060714722, acc = 0.576171875  
Batch 24: loss = 1.4270657300949097, acc = 0.5849609375  
Batch 25: loss = 1.4955623149871826, acc = 0.57421875  
Batch 26: loss = 1.2852928638458252, acc = 0.619140625  
Batch 27: loss = 1.2412354946136475, acc = 0.638671875  
Batch 28: loss = 1.3877038955688477, acc = 0.5966796875  
Batch 29: loss = 1.3508095741271973, acc = 0.6220703125  
Batch 30: loss = 1.3437438011169434, acc = 0.619140625  
Batch 31: loss = 1.3757480382919312, acc = 0.6015625  
Batch 32: loss = 1.3761436939239502, acc = 0.5908203125  
Batch 33: loss = 1.4956098794937134, acc = 0.5546875  
Batch 34: loss = 1.5930442810058594, acc = 0.537109375  
Batch 35: loss = 1.4788681268692017, acc = 0.5673828125  
Batch 36: loss = 1.3687560558319092, acc = 0.6015625  
Batch 37: loss = 1.473435640335083, acc = 0.55859375  
Batch 38: loss = 1.509383201599121, acc = 0.541015625  
Batch 39: loss = 1.4662737846374512, acc = 0.5625  
Batch 40: loss = 1.4097769260406494, acc = 0.5712890625  
Batch 41: loss = 1.4959526062011719, acc = 0.54296875

Epoch 25/100

Batch 1: loss = 1.4875229597091675, acc = 0.5751953125  
Batch 2: loss = 1.379881501197815, acc = 0.58984375  
Batch 3: loss = 1.4316174983978271, acc = 0.5751953125  
Batch 4: loss = 1.3989520072937012, acc = 0.5888671875  
Batch 5: loss = 1.3411476612091064, acc = 0.6142578125  
Batch 6: loss = 1.3096706867218018, acc = 0.6240234375  
Batch 7: loss = 1.293811321258545, acc = 0.6328125  
Batch 8: loss = 1.219539999961853, acc = 0.6533203125  
Batch 9: loss = 1.3687942028045654, acc = 0.599609375  
Batch 10: loss = 1.384141206741333, acc = 0.5908203125  
Batch 11: loss = 1.5446434020996094, acc = 0.5263671875

Batch 12: loss = 1.4368083477020264, acc = 0.5546875  
Batch 13: loss = 1.4333910942077637, acc = 0.587890625  
Batch 14: loss = 1.4035910367965698, acc = 0.5869140625  
Batch 15: loss = 1.4063506126403809, acc = 0.603515625  
Batch 16: loss = 1.4211455583572388, acc = 0.578125  
Batch 17: loss = 1.4209060668945312, acc = 0.5703125  
Batch 18: loss = 1.4336615800857544, acc = 0.57421875  
Batch 19: loss = 1.5292097330093384, acc = 0.5400390625  
Batch 20: loss = 1.5276806354522705, acc = 0.5654296875  
Batch 21: loss = 1.5114948749542236, acc = 0.5341796875  
Batch 22: loss = 1.39873206615448, acc = 0.5810546875  
Batch 23: loss = 1.4019689559936523, acc = 0.5888671875  
Batch 24: loss = 1.3590710163116455, acc = 0.609375  
Batch 25: loss = 1.4483683109283447, acc = 0.58203125  
Batch 26: loss = 1.2431204319000244, acc = 0.6318359375  
Batch 27: loss = 1.2126405239105225, acc = 0.634765625  
Batch 28: loss = 1.3096413612365723, acc = 0.61328125  
Batch 29: loss = 1.3007838726043701, acc = 0.6328125  
Batch 30: loss = 1.2944293022155762, acc = 0.625  
Batch 31: loss = 1.328332781791687, acc = 0.6103515625  
Batch 32: loss = 1.296579122543335, acc = 0.619140625  
Batch 33: loss = 1.479854941368103, acc = 0.564453125  
Batch 34: loss = 1.5468616485595703, acc = 0.54296875  
Batch 35: loss = 1.4194986820220947, acc = 0.576171875  
Batch 36: loss = 1.3137130737304688, acc = 0.60546875  
Batch 37: loss = 1.4428870677947998, acc = 0.576171875  
Batch 38: loss = 1.437811017036438, acc = 0.5712890625  
Batch 39: loss = 1.427186369895935, acc = 0.5673828125  
Batch 40: loss = 1.3713932037353516, acc = 0.5888671875  
Batch 41: loss = 1.4301772117614746, acc = 0.5693359375

Epoch 26/100

Batch 1: loss = 1.4274039268493652, acc = 0.6005859375  
Batch 2: loss = 1.3186784982681274, acc = 0.6181640625  
Batch 3: loss = 1.3459454774856567, acc = 0.6103515625  
Batch 4: loss = 1.335562825202942, acc = 0.609375  
Batch 5: loss = 1.277940034866333, acc = 0.625  
Batch 6: loss = 1.266840934753418, acc = 0.6435546875  
Batch 7: loss = 1.2602242231369019, acc = 0.630859375  
Batch 8: loss = 1.2228251695632935, acc = 0.6416015625  
Batch 9: loss = 1.3142516613006592, acc = 0.611328125  
Batch 10: loss = 1.3307011127471924, acc = 0.6259765625  
Batch 11: loss = 1.5322339534759521, acc = 0.5498046875  
Batch 12: loss = 1.4150995016098022, acc = 0.5673828125  
Batch 13: loss = 1.4066216945648193, acc = 0.58203125  
Batch 14: loss = 1.3607125282287598, acc = 0.6142578125  
Batch 15: loss = 1.3414608240127563, acc = 0.61328125  
Batch 16: loss = 1.3298097848892212, acc = 0.6005859375

Batch 17: loss = 1.361532211303711, acc = 0.5859375  
Batch 18: loss = 1.3636665344238281, acc = 0.6044921875  
Batch 19: loss = 1.469684362411499, acc = 0.5537109375  
Batch 20: loss = 1.4314579963684082, acc = 0.578125  
Batch 21: loss = 1.4732182025909424, acc = 0.54296875  
Batch 22: loss = 1.3656296730041504, acc = 0.5869140625  
Batch 23: loss = 1.358381748199463, acc = 0.60546875  
Batch 24: loss = 1.322381854057312, acc = 0.6123046875  
Batch 25: loss = 1.4079184532165527, acc = 0.59375  
Batch 26: loss = 1.2063477039337158, acc = 0.65234375  
Batch 27: loss = 1.1558480262756348, acc = 0.6640625  
Batch 28: loss = 1.287904143333435, acc = 0.630859375  
Batch 29: loss = 1.254932165145874, acc = 0.6484375  
Batch 30: loss = 1.235426902770996, acc = 0.6328125  
Batch 31: loss = 1.2678380012512207, acc = 0.62890625  
Batch 32: loss = 1.2599306106567383, acc = 0.6298828125  
Batch 33: loss = 1.4409441947937012, acc = 0.580078125  
Batch 34: loss = 1.5040454864501953, acc = 0.5517578125  
Batch 35: loss = 1.4350762367248535, acc = 0.5908203125  
Batch 36: loss = 1.2737312316894531, acc = 0.6142578125  
Batch 37: loss = 1.394684076309204, acc = 0.58203125  
Batch 38: loss = 1.3940098285675049, acc = 0.572265625  
Batch 39: loss = 1.3654093742370605, acc = 0.6103515625  
Batch 40: loss = 1.3525261878967285, acc = 0.576171875  
Batch 41: loss = 1.3789491653442383, acc = 0.5673828125

Epoch 27/100

Batch 1: loss = 1.3634059429168701, acc = 0.611328125  
Batch 2: loss = 1.2772291898727417, acc = 0.6298828125  
Batch 3: loss = 1.2929290533065796, acc = 0.623046875  
Batch 4: loss = 1.2490365505218506, acc = 0.6552734375  
Batch 5: loss = 1.2161403894424438, acc = 0.6416015625  
Batch 6: loss = 1.2044554948806763, acc = 0.677734375  
Batch 7: loss = 1.2208353281021118, acc = 0.642578125  
Batch 8: loss = 1.17962646484375, acc = 0.6572265625  
Batch 9: loss = 1.279916524887085, acc = 0.6376953125  
Batch 10: loss = 1.3227781057357788, acc = 0.6005859375  
Batch 11: loss = 1.4894731044769287, acc = 0.54296875  
Batch 12: loss = 1.3333706855773926, acc = 0.5849609375  
Batch 13: loss = 1.3471193313598633, acc = 0.595703125  
Batch 14: loss = 1.301732063293457, acc = 0.6044921875  
Batch 15: loss = 1.3511812686920166, acc = 0.6181640625  
Batch 16: loss = 1.3193275928497314, acc = 0.591796875  
Batch 17: loss = 1.3418796062469482, acc = 0.6025390625  
Batch 18: loss = 1.3441641330718994, acc = 0.6044921875  
Batch 19: loss = 1.4429031610488892, acc = 0.5634765625  
Batch 20: loss = 1.457682728767395, acc = 0.5576171875  
Batch 21: loss = 1.420745849609375, acc = 0.572265625

Batch 22: loss = 1.38149094581604, acc = 0.5771484375  
Batch 23: loss = 1.3566291332244873, acc = 0.6015625  
Batch 24: loss = 1.3048474788665771, acc = 0.6162109375  
Batch 25: loss = 1.3718087673187256, acc = 0.5791015625  
Batch 26: loss = 1.168397307395935, acc = 0.646484375  
Batch 27: loss = 1.1393603086471558, acc = 0.6630859375  
Batch 28: loss = 1.2750627994537354, acc = 0.6259765625  
Batch 29: loss = 1.2425024509429932, acc = 0.6494140625  
Batch 30: loss = 1.2042832374572754, acc = 0.6513671875  
Batch 31: loss = 1.2503466606140137, acc = 0.642578125  
Batch 32: loss = 1.2488408088684082, acc = 0.6416015625  
Batch 33: loss = 1.3867541551589966, acc = 0.5771484375  
Batch 34: loss = 1.4683735370635986, acc = 0.5625  
Batch 35: loss = 1.4119694232940674, acc = 0.5810546875  
Batch 36: loss = 1.2427161931991577, acc = 0.6376953125  
Batch 37: loss = 1.3596140146255493, acc = 0.591796875  
Batch 38: loss = 1.3345158100128174, acc = 0.5830078125  
Batch 39: loss = 1.348401427268982, acc = 0.5908203125  
Batch 40: loss = 1.2984358072280884, acc = 0.5966796875  
Batch 41: loss = 1.3669414520263672, acc = 0.5830078125

Epoch 28/100

Batch 1: loss = 1.3636661767959595, acc = 0.62109375  
Batch 2: loss = 1.2226698398590088, acc = 0.6513671875  
Batch 3: loss = 1.2565624713897705, acc = 0.6259765625  
Batch 4: loss = 1.2669576406478882, acc = 0.642578125  
Batch 5: loss = 1.182316541671753, acc = 0.6552734375  
Batch 6: loss = 1.1852504014968872, acc = 0.671875  
Batch 7: loss = 1.1912639141082764, acc = 0.6513671875  
Batch 8: loss = 1.1697736978530884, acc = 0.6669921875  
Batch 9: loss = 1.2561748027801514, acc = 0.630859375  
Batch 10: loss = 1.2878162860870361, acc = 0.615234375  
Batch 11: loss = 1.4472242593765259, acc = 0.572265625  
Batch 12: loss = 1.323777198791504, acc = 0.5966796875  
Batch 13: loss = 1.3158438205718994, acc = 0.6044921875  
Batch 14: loss = 1.2628474235534668, acc = 0.6220703125  
Batch 15: loss = 1.2983019351959229, acc = 0.6259765625  
Batch 16: loss = 1.2907428741455078, acc = 0.6044921875  
Batch 17: loss = 1.321973443031311, acc = 0.6044921875  
Batch 18: loss = 1.3456939458847046, acc = 0.595703125  
Batch 19: loss = 1.3988924026489258, acc = 0.5625  
Batch 20: loss = 1.3837281465530396, acc = 0.5849609375  
Batch 21: loss = 1.3869028091430664, acc = 0.564453125  
Batch 22: loss = 1.3115530014038086, acc = 0.6123046875  
Batch 23: loss = 1.295398473739624, acc = 0.619140625  
Batch 24: loss = 1.2608652114868164, acc = 0.6201171875  
Batch 25: loss = 1.3154528141021729, acc = 0.619140625  
Batch 26: loss = 1.1468416452407837, acc = 0.66796875

Batch 27: loss = 1.1281707286834717, acc = 0.671875  
Batch 28: loss = 1.2212705612182617, acc = 0.6357421875  
Batch 29: loss = 1.2421810626983643, acc = 0.634765625  
Batch 30: loss = 1.2137794494628906, acc = 0.64453125  
Batch 31: loss = 1.267099142074585, acc = 0.6181640625  
Batch 32: loss = 1.2053035497665405, acc = 0.640625  
Batch 33: loss = 1.3243093490600586, acc = 0.59765625  
Batch 34: loss = 1.4137883186340332, acc = 0.5703125  
Batch 35: loss = 1.3233877420425415, acc = 0.5859375  
Batch 36: loss = 1.2046401500701904, acc = 0.640625  
Batch 37: loss = 1.334519863128662, acc = 0.6181640625  
Batch 38: loss = 1.3172495365142822, acc = 0.6015625  
Batch 39: loss = 1.3434423208236694, acc = 0.6025390625  
Batch 40: loss = 1.2645790576934814, acc = 0.609375  
Batch 41: loss = 1.3220760822296143, acc = 0.5908203125

Epoch 29/100

Batch 1: loss = 1.3195738792419434, acc = 0.625  
Batch 2: loss = 1.2115254402160645, acc = 0.646484375  
Batch 3: loss = 1.206972360610962, acc = 0.6552734375  
Batch 4: loss = 1.215551733970642, acc = 0.65234375  
Batch 5: loss = 1.1579655408859253, acc = 0.6630859375  
Batch 6: loss = 1.1388022899627686, acc = 0.689453125  
Batch 7: loss = 1.1480271816253662, acc = 0.6669921875  
Batch 8: loss = 1.1453083753585815, acc = 0.68359375  
Batch 9: loss = 1.2113069295883179, acc = 0.6572265625  
Batch 10: loss = 1.2557270526885986, acc = 0.6220703125  
Batch 11: loss = 1.4454967975616455, acc = 0.564453125  
Batch 12: loss = 1.3042819499969482, acc = 0.6005859375  
Batch 13: loss = 1.3049049377441406, acc = 0.609375  
Batch 14: loss = 1.2524523735046387, acc = 0.6220703125  
Batch 15: loss = 1.2043434381484985, acc = 0.6533203125  
Batch 16: loss = 1.2402591705322266, acc = 0.6279296875  
Batch 17: loss = 1.288151741027832, acc = 0.619140625  
Batch 18: loss = 1.2756017446517944, acc = 0.6318359375  
Batch 19: loss = 1.4134273529052734, acc = 0.5732421875  
Batch 20: loss = 1.3739118576049805, acc = 0.5947265625  
Batch 21: loss = 1.3611892461776733, acc = 0.5771484375  
Batch 22: loss = 1.2940490245819092, acc = 0.6064453125  
Batch 23: loss = 1.24740469455719, acc = 0.6435546875  
Batch 24: loss = 1.2128996849060059, acc = 0.6435546875  
Batch 25: loss = 1.260762333869934, acc = 0.6201171875  
Batch 26: loss = 1.1044795513153076, acc = 0.677734375  
Batch 27: loss = 1.0883828401565552, acc = 0.6904296875  
Batch 28: loss = 1.1833982467651367, acc = 0.6552734375  
Batch 29: loss = 1.18873929977417, acc = 0.6484375  
Batch 30: loss = 1.1653563976287842, acc = 0.6474609375  
Batch 31: loss = 1.2272353172302246, acc = 0.65625

Batch 32: loss = 1.1809331178665161, acc = 0.6474609375  
Batch 33: loss = 1.3504644632339478, acc = 0.591796875  
Batch 34: loss = 1.4070346355438232, acc = 0.580078125  
Batch 35: loss = 1.2999260425567627, acc = 0.60546875  
Batch 36: loss = 1.1731082201004028, acc = 0.6474609375  
Batch 37: loss = 1.3030097484588623, acc = 0.6357421875  
Batch 38: loss = 1.2995514869689941, acc = 0.6025390625  
Batch 39: loss = 1.2757333517074585, acc = 0.6220703125  
Batch 40: loss = 1.2594032287597656, acc = 0.6279296875  
Batch 41: loss = 1.311568260192871, acc = 0.599609375

Epoch 30/100

Batch 1: loss = 1.2653353214263916, acc = 0.640625  
Batch 2: loss = 1.1741790771484375, acc = 0.669921875  
Batch 3: loss = 1.2040244340896606, acc = 0.640625  
Batch 4: loss = 1.187166690826416, acc = 0.671875  
Batch 5: loss = 1.125481367111206, acc = 0.6611328125  
Batch 6: loss = 1.1082103252410889, acc = 0.681640625  
Batch 7: loss = 1.0707324743270874, acc = 0.6806640625  
Batch 8: loss = 1.096956729888916, acc = 0.6748046875  
Batch 9: loss = 1.1343344449996948, acc = 0.669921875  
Batch 10: loss = 1.1970890760421753, acc = 0.650390625  
Batch 11: loss = 1.3736567497253418, acc = 0.5966796875  
Batch 12: loss = 1.2632877826690674, acc = 0.6142578125  
Batch 13: loss = 1.2643882036209106, acc = 0.6240234375  
Batch 14: loss = 1.199636697769165, acc = 0.6328125  
Batch 15: loss = 1.210277795791626, acc = 0.6484375  
Batch 16: loss = 1.2187864780426025, acc = 0.630859375  
Batch 17: loss = 1.250896692276001, acc = 0.626953125  
Batch 18: loss = 1.2313380241394043, acc = 0.623046875  
Batch 19: loss = 1.3439956903457642, acc = 0.5751953125  
Batch 20: loss = 1.2970046997070312, acc = 0.60546875  
Batch 21: loss = 1.3250030279159546, acc = 0.5888671875  
Batch 22: loss = 1.2583622932434082, acc = 0.626953125  
Batch 23: loss = 1.2647972106933594, acc = 0.6279296875  
Batch 24: loss = 1.174079418182373, acc = 0.6533203125  
Batch 25: loss = 1.2060152292251587, acc = 0.6396484375  
Batch 26: loss = 1.052642822265625, acc = 0.6923828125  
Batch 27: loss = 1.0204169750213623, acc = 0.7109375  
Batch 28: loss = 1.1809594631195068, acc = 0.6591796875  
Batch 29: loss = 1.150932788848877, acc = 0.666015625  
Batch 30: loss = 1.1340571641921997, acc = 0.6630859375  
Batch 31: loss = 1.161332368850708, acc = 0.65625  
Batch 32: loss = 1.1361653804779053, acc = 0.662109375  
Batch 33: loss = 1.2903752326965332, acc = 0.611328125  
Batch 34: loss = 1.3550678491592407, acc = 0.58984375  
Batch 35: loss = 1.2674555778503418, acc = 0.6103515625  
Batch 36: loss = 1.147169589996338, acc = 0.6689453125

Batch 37: loss = 1.2832815647125244, acc = 0.6259765625  
Batch 38: loss = 1.2308554649353027, acc = 0.6318359375  
Batch 39: loss = 1.2330873012542725, acc = 0.6396484375  
Batch 40: loss = 1.2259600162506104, acc = 0.6279296875  
Batch 41: loss = 1.2563719749450684, acc = 0.6201171875  
Saved checkpoint to weights\_eminem\_input.txt.30.h5

Epoch 31/100

Batch 1: loss = 1.244945764541626, acc = 0.638671875  
Batch 2: loss = 1.122459888458252, acc = 0.671875  
Batch 3: loss = 1.1541545391082764, acc = 0.6630859375  
Batch 4: loss = 1.117988109588623, acc = 0.681640625  
Batch 5: loss = 1.0643525123596191, acc = 0.69140625  
Batch 6: loss = 1.0662516355514526, acc = 0.703125  
Batch 7: loss = 1.084273099899292, acc = 0.6904296875  
Batch 8: loss = 1.0659503936767578, acc = 0.6923828125  
Batch 9: loss = 1.1558113098144531, acc = 0.64453125  
Batch 10: loss = 1.1573810577392578, acc = 0.6474609375  
Batch 11: loss = 1.346229076385498, acc = 0.59375  
Batch 12: loss = 1.2274160385131836, acc = 0.626953125  
Batch 13: loss = 1.2431472539901733, acc = 0.63671875  
Batch 14: loss = 1.2034469842910767, acc = 0.6474609375  
Batch 15: loss = 1.1456081867218018, acc = 0.67578125  
Batch 16: loss = 1.161966323852539, acc = 0.6572265625  
Batch 17: loss = 1.21830415725708, acc = 0.640625  
Batch 18: loss = 1.2060232162475586, acc = 0.6328125  
Batch 19: loss = 1.2904170751571655, acc = 0.6005859375  
Batch 20: loss = 1.2584514617919922, acc = 0.6181640625  
Batch 21: loss = 1.289000391960144, acc = 0.6103515625  
Batch 22: loss = 1.2115356922149658, acc = 0.63671875  
Batch 23: loss = 1.1752326488494873, acc = 0.642578125  
Batch 24: loss = 1.1175806522369385, acc = 0.662109375  
Batch 25: loss = 1.1869382858276367, acc = 0.6572265625  
Batch 26: loss = 1.0401731729507446, acc = 0.6904296875  
Batch 27: loss = 0.9941917061805725, acc = 0.7109375  
Batch 28: loss = 1.1019232273101807, acc = 0.681640625  
Batch 29: loss = 1.0976978540420532, acc = 0.6865234375  
Batch 30: loss = 1.086759328842163, acc = 0.681640625  
Batch 31: loss = 1.1213064193725586, acc = 0.67578125  
Batch 32: loss = 1.0753521919250488, acc = 0.6845703125  
Batch 33: loss = 1.2740318775177002, acc = 0.623046875  
Batch 34: loss = 1.3099331855773926, acc = 0.6123046875  
Batch 35: loss = 1.2317965030670166, acc = 0.638671875  
Batch 36: loss = 1.078287959098816, acc = 0.6875  
Batch 37: loss = 1.1871116161346436, acc = 0.6513671875  
Batch 38: loss = 1.2249832153320312, acc = 0.6259765625  
Batch 39: loss = 1.2199782133102417, acc = 0.623046875  
Batch 40: loss = 1.2118148803710938, acc = 0.6162109375

Batch 41: loss = 1.2601789236068726, acc = 0.59375

Epoch 32/100

Batch 1: loss = 1.2026889324188232, acc = 0.6474609375  
Batch 2: loss = 1.0656383037567139, acc = 0.67578125  
Batch 3: loss = 1.1132161617279053, acc = 0.6728515625  
Batch 4: loss = 1.0837571620941162, acc = 0.6826171875  
Batch 5: loss = 1.0386489629745483, acc = 0.7060546875  
Batch 6: loss = 0.9943839907646179, acc = 0.7265625  
Batch 7: loss = 1.0445425510406494, acc = 0.6962890625  
Batch 8: loss = 1.035735845565796, acc = 0.701171875  
Batch 9: loss = 1.1458830833435059, acc = 0.673828125  
Batch 10: loss = 1.1250147819519043, acc = 0.673828125  
Batch 11: loss = 1.297708511352539, acc = 0.599609375  
Batch 12: loss = 1.1889452934265137, acc = 0.630859375  
Batch 13: loss = 1.1988309621810913, acc = 0.626953125  
Batch 14: loss = 1.107348918914795, acc = 0.67578125  
Batch 15: loss = 1.1307501792907715, acc = 0.6728515625  
Batch 16: loss = 1.1184313297271729, acc = 0.6591796875  
Batch 17: loss = 1.157930850982666, acc = 0.654296875  
Batch 18: loss = 1.1715465784072876, acc = 0.6474609375  
Batch 19: loss = 1.264098048210144, acc = 0.6083984375  
Batch 20: loss = 1.2316392660140991, acc = 0.642578125  
Batch 21: loss = 1.2787959575653076, acc = 0.61328125  
Batch 22: loss = 1.1714835166931152, acc = 0.63671875  
Batch 23: loss = 1.1773892641067505, acc = 0.646484375  
Batch 24: loss = 1.0790252685546875, acc = 0.68359375  
Batch 25: loss = 1.1382592916488647, acc = 0.66015625  
Batch 26: loss = 0.9827878475189209, acc = 0.716796875  
Batch 27: loss = 0.9199143648147583, acc = 0.7275390625  
Batch 28: loss = 1.06703519821167, acc = 0.6904296875  
Batch 29: loss = 1.0666171312332153, acc = 0.69140625  
Batch 30: loss = 1.051469087600708, acc = 0.6943359375  
Batch 31: loss = 1.104686975479126, acc = 0.685546875  
Batch 32: loss = 1.085161805152893, acc = 0.6806640625  
Batch 33: loss = 1.2268118858337402, acc = 0.623046875  
Batch 34: loss = 1.252601981163025, acc = 0.6162109375  
Batch 35: loss = 1.1750433444976807, acc = 0.662109375  
Batch 36: loss = 1.0932934284210205, acc = 0.66796875  
Batch 37: loss = 1.1803064346313477, acc = 0.650390625  
Batch 38: loss = 1.173048973083496, acc = 0.6337890625  
Batch 39: loss = 1.191143274307251, acc = 0.6396484375  
Batch 40: loss = 1.144120693206787, acc = 0.6494140625  
Batch 41: loss = 1.231663465499878, acc = 0.626953125

Epoch 33/100

Batch 1: loss = 1.2063044309616089, acc = 0.6513671875  
Batch 2: loss = 1.1038835048675537, acc = 0.6748046875



Batch 3: loss = 1.0935916900634766, acc = 0.677734375  
Batch 4: loss = 1.0481061935424805, acc = 0.6806640625  
Batch 5: loss = 0.9798977971076965, acc = 0.7041015625  
Batch 6: loss = 1.007035255432129, acc = 0.7197265625  
Batch 7: loss = 1.0358293056488037, acc = 0.6865234375  
Batch 8: loss = 0.9905976057052612, acc = 0.7236328125  
Batch 9: loss = 1.1100318431854248, acc = 0.681640625  
Batch 10: loss = 1.0886207818984985, acc = 0.66796875  
Batch 11: loss = 1.2657607793807983, acc = 0.6064453125  
Batch 12: loss = 1.1611058712005615, acc = 0.6455078125  
Batch 13: loss = 1.1775538921356201, acc = 0.630859375  
Batch 14: loss = 1.0871319770812988, acc = 0.6748046875  
Batch 15: loss = 1.0931031703948975, acc = 0.6826171875  
Batch 16: loss = 1.1302913427352905, acc = 0.65234375  
Batch 17: loss = 1.1500089168548584, acc = 0.650390625  
Batch 18: loss = 1.1503238677978516, acc = 0.640625  
Batch 19: loss = 1.224053144454956, acc = 0.6279296875  
Batch 20: loss = 1.2028745412826538, acc = 0.6298828125  
Batch 21: loss = 1.2343716621398926, acc = 0.6201171875  
Batch 22: loss = 1.1614978313446045, acc = 0.6318359375  
Batch 23: loss = 1.1216003894805908, acc = 0.6669921875  
Batch 24: loss = 1.0971930027008057, acc = 0.6591796875  
Batch 25: loss = 1.1342535018920898, acc = 0.6533203125  
Batch 26: loss = 0.9750775098800659, acc = 0.70703125  
Batch 27: loss = 0.9190145134925842, acc = 0.71875  
Batch 28: loss = 1.0325617790222168, acc = 0.7060546875  
Batch 29: loss = 1.0380525588989258, acc = 0.703125  
Batch 30: loss = 1.0227856636047363, acc = 0.6982421875  
Batch 31: loss = 1.062971591949463, acc = 0.69140625  
Batch 32: loss = 1.022334098815918, acc = 0.7099609375  
Batch 33: loss = 1.1725537776947021, acc = 0.6318359375  
Batch 34: loss = 1.2504351139068604, acc = 0.626953125  
Batch 35: loss = 1.1619271039962769, acc = 0.6748046875  
Batch 36: loss = 1.0335052013397217, acc = 0.6982421875  
Batch 37: loss = 1.1267776489257812, acc = 0.6748046875  
Batch 38: loss = 1.1236824989318848, acc = 0.66796875  
Batch 39: loss = 1.178309679031372, acc = 0.6484375  
Batch 40: loss = 1.12807035446167, acc = 0.666015625  
Batch 41: loss = 1.1552057266235352, acc = 0.6328125

Epoch 34/100

Batch 1: loss = 1.1236604452133179, acc = 0.671875  
Batch 2: loss = 1.0346400737762451, acc = 0.7001953125  
Batch 3: loss = 1.0360260009765625, acc = 0.7041015625  
Batch 4: loss = 1.002570390701294, acc = 0.7177734375  
Batch 5: loss = 0.938795804977417, acc = 0.7333984375  
Batch 6: loss = 0.9258382320404053, acc = 0.744140625  
Batch 7: loss = 0.952386736869812, acc = 0.7275390625

Batch 8: loss = 0.9725762605667114, acc = 0.73046875  
Batch 9: loss = 1.0208027362823486, acc = 0.697265625  
Batch 10: loss = 1.0601813793182373, acc = 0.673828125  
Batch 11: loss = 1.2541375160217285, acc = 0.6044921875  
Batch 12: loss = 1.1282141208648682, acc = 0.654296875  
Batch 13: loss = 1.110305666923523, acc = 0.673828125  
Batch 14: loss = 1.0271066427230835, acc = 0.68359375  
Batch 15: loss = 1.0621280670166016, acc = 0.68359375  
Batch 16: loss = 1.052105188369751, acc = 0.6708984375  
Batch 17: loss = 1.0999277830123901, acc = 0.6669921875  
Batch 18: loss = 1.1491427421569824, acc = 0.6611328125  
Batch 19: loss = 1.210265874862671, acc = 0.6318359375  
Batch 20: loss = 1.1683655977249146, acc = 0.6279296875  
Batch 21: loss = 1.206587791442871, acc = 0.6240234375  
Batch 22: loss = 1.1675121784210205, acc = 0.6513671875  
Batch 23: loss = 1.1179909706115723, acc = 0.6640625  
Batch 24: loss = 1.0855885744094849, acc = 0.6796875  
Batch 25: loss = 1.1045591831207275, acc = 0.6728515625  
Batch 26: loss = 0.9463820457458496, acc = 0.724609375  
Batch 27: loss = 0.8928920030593872, acc = 0.734375  
Batch 28: loss = 1.0570194721221924, acc = 0.6904296875  
Batch 29: loss = 1.0390608310699463, acc = 0.69140625  
Batch 30: loss = 0.9691624641418457, acc = 0.7080078125  
Batch 31: loss = 1.0407978296279907, acc = 0.6884765625  
Batch 32: loss = 1.0251483917236328, acc = 0.6923828125  
Batch 33: loss = 1.1483570337295532, acc = 0.65625  
Batch 34: loss = 1.233616590499878, acc = 0.625  
Batch 35: loss = 1.1342157125473022, acc = 0.66015625  
Batch 36: loss = 1.017681360244751, acc = 0.6826171875  
Batch 37: loss = 1.126328945159912, acc = 0.654296875  
Batch 38: loss = 1.1095033884048462, acc = 0.6748046875  
Batch 39: loss = 1.1317071914672852, acc = 0.654296875  
Batch 40: loss = 1.072237491607666, acc = 0.66796875  
Batch 41: loss = 1.1643978357315063, acc = 0.6416015625

Epoch 35/100

Batch 1: loss = 1.1130452156066895, acc = 0.6796875  
Batch 2: loss = 0.9934903383255005, acc = 0.70703125  
Batch 3: loss = 0.9941108226776123, acc = 0.70703125  
Batch 4: loss = 1.0188989639282227, acc = 0.703125  
Batch 5: loss = 0.9456332325935364, acc = 0.7177734375  
Batch 6: loss = 0.9376339316368103, acc = 0.73828125  
Batch 7: loss = 0.9365613460540771, acc = 0.7275390625  
Batch 8: loss = 0.9433234930038452, acc = 0.7119140625  
Batch 9: loss = 1.0095142126083374, acc = 0.6962890625  
Batch 10: loss = 1.0534632205963135, acc = 0.6748046875  
Batch 11: loss = 1.184230089187622, acc = 0.6357421875  
Batch 12: loss = 1.084338903427124, acc = 0.6572265625

Batch 13: loss = 1.1040550470352173, acc = 0.6689453125  
Batch 14: loss = 1.0198800563812256, acc = 0.671875  
Batch 15: loss = 1.056466817855835, acc = 0.685546875  
Batch 16: loss = 1.0161781311035156, acc = 0.6845703125  
Batch 17: loss = 1.0605303049087524, acc = 0.6728515625  
Batch 18: loss = 1.111708164215088, acc = 0.666015625  
Batch 19: loss = 1.1625123023986816, acc = 0.6455078125  
Batch 20: loss = 1.1750236749649048, acc = 0.6435546875  
Batch 21: loss = 1.1802704334259033, acc = 0.6328125  
Batch 22: loss = 1.0886082649230957, acc = 0.671875  
Batch 23: loss = 1.0887424945831299, acc = 0.6845703125  
Batch 24: loss = 0.9915042519569397, acc = 0.712890625  
Batch 25: loss = 1.046818733215332, acc = 0.6923828125  
Batch 26: loss = 0.9471949338912964, acc = 0.7294921875  
Batch 27: loss = 0.8795106410980225, acc = 0.7509765625  
Batch 28: loss = 1.0152357816696167, acc = 0.69921875  
Batch 29: loss = 0.9919028282165527, acc = 0.71484375  
Batch 30: loss = 0.9416128396987915, acc = 0.7216796875  
Batch 31: loss = 1.0317175388336182, acc = 0.6923828125  
Batch 32: loss = 0.9935376644134521, acc = 0.705078125  
Batch 33: loss = 1.1173136234283447, acc = 0.654296875  
Batch 34: loss = 1.1836082935333252, acc = 0.650390625  
Batch 35: loss = 1.0813419818878174, acc = 0.66796875  
Batch 36: loss = 0.9606735706329346, acc = 0.724609375  
Batch 37: loss = 1.1143579483032227, acc = 0.677734375  
Batch 38: loss = 1.0418167114257812, acc = 0.6884765625  
Batch 39: loss = 1.0918223857879639, acc = 0.662109375  
Batch 40: loss = 1.0650265216827393, acc = 0.6611328125  
Batch 41: loss = 1.0883067846298218, acc = 0.6630859375

Epoch 36/100

Batch 1: loss = 1.0674524307250977, acc = 0.6875  
Batch 2: loss = 0.9621885418891907, acc = 0.7109375  
Batch 3: loss = 0.9657403230667114, acc = 0.7119140625  
Batch 4: loss = 0.9604818820953369, acc = 0.7158203125  
Batch 5: loss = 0.8825744390487671, acc = 0.7470703125  
Batch 6: loss = 0.9361233711242676, acc = 0.734375  
Batch 7: loss = 0.9380052089691162, acc = 0.720703125  
Batch 8: loss = 0.913072943687439, acc = 0.7431640625  
Batch 9: loss = 1.0164246559143066, acc = 0.708984375  
Batch 10: loss = 0.9987796545028687, acc = 0.705078125  
Batch 11: loss = 1.1762053966522217, acc = 0.6298828125  
Batch 12: loss = 1.0822060108184814, acc = 0.66015625  
Batch 13: loss = 1.0340468883514404, acc = 0.6875  
Batch 14: loss = 0.9861727356910706, acc = 0.708984375  
Batch 15: loss = 0.9715527296066284, acc = 0.7197265625  
Batch 16: loss = 1.009364366531372, acc = 0.689453125  
Batch 17: loss = 1.0958590507507324, acc = 0.6650390625

Batch 18: loss = 1.0656715631484985, acc = 0.66796875  
Batch 19: loss = 1.145146131515503, acc = 0.6396484375  
Batch 20: loss = 1.1458936929702759, acc = 0.65625  
Batch 21: loss = 1.124082326889038, acc = 0.650390625  
Batch 22: loss = 1.0456035137176514, acc = 0.6884765625  
Batch 23: loss = 1.0214481353759766, acc = 0.7041015625  
Batch 24: loss = 1.002061128616333, acc = 0.71484375  
Batch 25: loss = 1.0039467811584473, acc = 0.697265625  
Batch 26: loss = 0.8839660882949829, acc = 0.7373046875  
Batch 27: loss = 0.7962231636047363, acc = 0.7705078125  
Batch 28: loss = 0.941490888595581, acc = 0.7236328125  
Batch 29: loss = 0.9542676210403442, acc = 0.71484375  
Batch 30: loss = 0.9328349828720093, acc = 0.7138671875  
Batch 31: loss = 1.0045114755630493, acc = 0.708984375  
Batch 32: loss = 0.9677566289901733, acc = 0.7177734375  
Batch 33: loss = 1.097785234451294, acc = 0.66015625  
Batch 34: loss = 1.1368565559387207, acc = 0.6591796875  
Batch 35: loss = 1.0644532442092896, acc = 0.6884765625  
Batch 36: loss = 0.9658048748970032, acc = 0.7119140625  
Batch 37: loss = 1.0606355667114258, acc = 0.69140625  
Batch 38: loss = 1.040203332901001, acc = 0.685546875  
Batch 39: loss = 1.0648967027664185, acc = 0.693359375  
Batch 40: loss = 1.0604503154754639, acc = 0.6708984375  
Batch 41: loss = 1.100903034210205, acc = 0.6552734375

Epoch 37/100

Batch 1: loss = 1.002623200416565, acc = 0.716796875  
Batch 2: loss = 0.9096575379371643, acc = 0.7421875  
Batch 3: loss = 0.9624588489532471, acc = 0.71484375  
Batch 4: loss = 0.9218074083328247, acc = 0.7509765625  
Batch 5: loss = 0.8718518018722534, acc = 0.732421875  
Batch 6: loss = 0.885729968547821, acc = 0.7421875  
Batch 7: loss = 0.9027212858200073, acc = 0.7314453125  
Batch 8: loss = 0.8902068138122559, acc = 0.73828125  
Batch 9: loss = 0.9460353851318359, acc = 0.72265625  
Batch 10: loss = 0.9994670748710632, acc = 0.697265625  
Batch 11: loss = 1.152907371520996, acc = 0.638671875  
Batch 12: loss = 1.0095608234405518, acc = 0.6904296875  
Batch 13: loss = 1.055314540863037, acc = 0.6884765625  
Batch 14: loss = 0.9778067469596863, acc = 0.7021484375  
Batch 15: loss = 0.9471859931945801, acc = 0.7265625  
Batch 16: loss = 0.9807667136192322, acc = 0.69921875  
Batch 17: loss = 1.0154964923858643, acc = 0.7001953125  
Batch 18: loss = 1.034064531326294, acc = 0.6943359375  
Batch 19: loss = 1.0910063982009888, acc = 0.666015625  
Batch 20: loss = 1.064767837524414, acc = 0.6806640625  
Batch 21: loss = 1.1113059520721436, acc = 0.6640625  
Batch 22: loss = 0.9904406070709229, acc = 0.7177734375

Batch 23: loss = 1.0247118473052979, acc = 0.6875  
Batch 24: loss = 0.9702035188674927, acc = 0.7021484375  
Batch 25: loss = 0.9796676635742188, acc = 0.6953125  
Batch 26: loss = 0.9049810171127319, acc = 0.7373046875  
Batch 27: loss = 0.8095606565475464, acc = 0.75390625  
Batch 28: loss = 0.9246121644973755, acc = 0.7294921875  
Batch 29: loss = 0.943310558795929, acc = 0.7236328125  
Batch 30: loss = 0.9335911870002747, acc = 0.7177734375  
Batch 31: loss = 0.9997677206993103, acc = 0.7021484375  
Batch 32: loss = 0.9349546432495117, acc = 0.7099609375  
Batch 33: loss = 1.0591892004013062, acc = 0.6845703125  
Batch 34: loss = 1.102733850479126, acc = 0.6650390625  
Batch 35: loss = 1.0346181392669678, acc = 0.6826171875  
Batch 36: loss = 0.9240797758102417, acc = 0.7255859375  
Batch 37: loss = 1.0277040004730225, acc = 0.701171875  
Batch 38: loss = 0.9907041192054749, acc = 0.6962890625  
Batch 39: loss = 1.0449674129486084, acc = 0.6845703125  
Batch 40: loss = 1.056364893913269, acc = 0.673828125  
Batch 41: loss = 1.0805957317352295, acc = 0.6748046875

Epoch 38/100

Batch 1: loss = 0.9945620894432068, acc = 0.7138671875  
Batch 2: loss = 0.8945412635803223, acc = 0.7490234375  
Batch 3: loss = 0.8827786445617676, acc = 0.734375  
Batch 4: loss = 0.9009522199630737, acc = 0.759765625  
Batch 5: loss = 0.8182546496391296, acc = 0.751953125  
Batch 6: loss = 0.8321143388748169, acc = 0.755859375  
Batch 7: loss = 0.913262665271759, acc = 0.7119140625  
Batch 8: loss = 0.8846925497055054, acc = 0.75  
Batch 9: loss = 0.9165041446685791, acc = 0.7255859375  
Batch 10: loss = 0.9546448588371277, acc = 0.7177734375  
Batch 11: loss = 1.1069109439849854, acc = 0.650390625  
Batch 12: loss = 1.008681297302246, acc = 0.693359375  
Batch 13: loss = 1.026308298110962, acc = 0.6943359375  
Batch 14: loss = 0.9485394358634949, acc = 0.7265625  
Batch 15: loss = 0.9744226932525635, acc = 0.712890625  
Batch 16: loss = 0.9618209004402161, acc = 0.7158203125  
Batch 17: loss = 0.9938234686851501, acc = 0.6982421875  
Batch 18: loss = 1.0385054349899292, acc = 0.6796875  
Batch 19: loss = 1.1030833721160889, acc = 0.66015625  
Batch 20: loss = 1.134716272354126, acc = 0.669921875  
Batch 21: loss = 1.1008890867233276, acc = 0.642578125  
Batch 22: loss = 1.0026676654815674, acc = 0.69921875  
Batch 23: loss = 1.0168943405151367, acc = 0.685546875  
Batch 24: loss = 0.9335039854049683, acc = 0.71875  
Batch 25: loss = 1.004247784614563, acc = 0.689453125  
Batch 26: loss = 0.8195270895957947, acc = 0.7568359375  
Batch 27: loss = 0.76133793592453, acc = 0.7822265625

Batch 28: loss = 0.903702437877655, acc = 0.7509765625  
Batch 29: loss = 0.9410689473152161, acc = 0.7275390625  
Batch 30: loss = 0.8774454593658447, acc = 0.7431640625  
Batch 31: loss = 0.9635521173477173, acc = 0.7060546875  
Batch 32: loss = 0.9257485866546631, acc = 0.71484375  
Batch 33: loss = 1.0444536209106445, acc = 0.6875  
Batch 34: loss = 1.093461275100708, acc = 0.669921875  
Batch 35: loss = 1.0115967988967896, acc = 0.693359375  
Batch 36: loss = 0.8728460073471069, acc = 0.7451171875  
Batch 37: loss = 0.9975039958953857, acc = 0.7041015625  
Batch 38: loss = 0.9479618072509766, acc = 0.7080078125  
Batch 39: loss = 1.0152629613876343, acc = 0.6884765625  
Batch 40: loss = 0.983041524887085, acc = 0.6875  
Batch 41: loss = 1.038322925567627, acc = 0.681640625

Epoch 39/100

Batch 1: loss = 1.027430772781372, acc = 0.708984375  
Batch 2: loss = 0.9146385192871094, acc = 0.740234375  
Batch 3: loss = 0.893221914768219, acc = 0.755859375  
Batch 4: loss = 0.8709387183189392, acc = 0.75390625  
Batch 5: loss = 0.8388247489929199, acc = 0.7451171875  
Batch 6: loss = 0.8177951574325562, acc = 0.75  
Batch 7: loss = 0.8533652424812317, acc = 0.7294921875  
Batch 8: loss = 0.8835203647613525, acc = 0.7333984375  
Batch 9: loss = 0.9337012767791748, acc = 0.71484375  
Batch 10: loss = 0.9089353084564209, acc = 0.71875  
Batch 11: loss = 1.1001105308532715, acc = 0.6640625  
Batch 12: loss = 0.9863867163658142, acc = 0.7060546875  
Batch 13: loss = 0.9901105761528015, acc = 0.6953125  
Batch 14: loss = 0.9234009981155396, acc = 0.720703125  
Batch 15: loss = 0.9268630146980286, acc = 0.7216796875  
Batch 16: loss = 0.9411922097206116, acc = 0.724609375  
Batch 17: loss = 0.9789342284202576, acc = 0.6962890625  
Batch 18: loss = 1.0254552364349365, acc = 0.6767578125  
Batch 19: loss = 1.0614104270935059, acc = 0.6787109375  
Batch 20: loss = 1.0693860054016113, acc = 0.6650390625  
Batch 21: loss = 1.0208805799484253, acc = 0.6923828125  
Batch 22: loss = 0.9679867625236511, acc = 0.7138671875  
Batch 23: loss = 1.0211271047592163, acc = 0.689453125  
Batch 24: loss = 0.9141450524330139, acc = 0.7392578125  
Batch 25: loss = 0.9085835218429565, acc = 0.7314453125  
Batch 26: loss = 0.8095444440841675, acc = 0.763671875  
Batch 27: loss = 0.7627303004264832, acc = 0.78515625  
Batch 28: loss = 0.8521425724029541, acc = 0.74609375  
Batch 29: loss = 0.9238014817237854, acc = 0.7353515625  
Batch 30: loss = 0.8498209118843079, acc = 0.7392578125  
Batch 31: loss = 0.908097505569458, acc = 0.73828125  
Batch 32: loss = 0.8808732032775879, acc = 0.740234375

Batch 33: loss = 0.9584392309188843, acc = 0.7099609375  
Batch 34: loss = 1.0564603805541992, acc = 0.693359375  
Batch 35: loss = 0.9932753443717957, acc = 0.701171875  
Batch 36: loss = 0.8676468729972839, acc = 0.728515625  
Batch 37: loss = 0.9843970537185669, acc = 0.7109375  
Batch 38: loss = 0.9292341470718384, acc = 0.7216796875  
Batch 39: loss = 0.9862023591995239, acc = 0.7041015625  
Batch 40: loss = 0.9962295293807983, acc = 0.6982421875  
Batch 41: loss = 1.0052685737609863, acc = 0.6845703125

Epoch 40/100

Batch 1: loss = 0.9749787449836731, acc = 0.7255859375  
Batch 2: loss = 0.8757571578025818, acc = 0.7451171875  
Batch 3: loss = 0.8751475811004639, acc = 0.7451171875  
Batch 4: loss = 0.8592842221260071, acc = 0.7509765625  
Batch 5: loss = 0.8033920526504517, acc = 0.76953125  
Batch 6: loss = 0.7960419654846191, acc = 0.7626953125  
Batch 7: loss = 0.8225274085998535, acc = 0.767578125  
Batch 8: loss = 0.8032664060592651, acc = 0.7626953125  
Batch 9: loss = 0.8403184413909912, acc = 0.755859375  
Batch 10: loss = 0.9235559105873108, acc = 0.734375  
Batch 11: loss = 1.082462191581726, acc = 0.68359375  
Batch 12: loss = 0.9904910326004028, acc = 0.6962890625  
Batch 13: loss = 0.9793111085891724, acc = 0.697265625  
Batch 14: loss = 0.8848757147789001, acc = 0.73046875  
Batch 15: loss = 0.9219014644622803, acc = 0.7333984375  
Batch 16: loss = 0.9145090579986572, acc = 0.7099609375  
Batch 17: loss = 0.9512268304824829, acc = 0.7021484375  
Batch 18: loss = 0.9487627148628235, acc = 0.71875  
Batch 19: loss = 0.9692925214767456, acc = 0.7060546875  
Batch 20: loss = 1.005593180656433, acc = 0.6796875  
Batch 21: loss = 1.011178731918335, acc = 0.6796875  
Batch 22: loss = 0.9547582864761353, acc = 0.7138671875  
Batch 23: loss = 0.9396550059318542, acc = 0.72265625  
Batch 24: loss = 0.9163200855255127, acc = 0.734375  
Batch 25: loss = 0.9048073887825012, acc = 0.7314453125  
Batch 26: loss = 0.7898163795471191, acc = 0.7568359375  
Batch 27: loss = 0.7388260960578918, acc = 0.7783203125  
Batch 28: loss = 0.8122010231018066, acc = 0.7548828125  
Batch 29: loss = 0.8949980139732361, acc = 0.7373046875  
Batch 30: loss = 0.840806782245636, acc = 0.732421875  
Batch 31: loss = 0.8652757406234741, acc = 0.7412109375  
Batch 32: loss = 0.8404866456985474, acc = 0.7607421875  
Batch 33: loss = 0.9906880259513855, acc = 0.6884765625  
Batch 34: loss = 1.0344371795654297, acc = 0.689453125  
Batch 35: loss = 0.9663857221603394, acc = 0.703125  
Batch 36: loss = 0.8389601707458496, acc = 0.7470703125  
Batch 37: loss = 0.9177711009979248, acc = 0.73828125

Batch 38: loss = 0.9713600873947144, acc = 0.7041015625  
Batch 39: loss = 0.9404711127281189, acc = 0.732421875  
Batch 40: loss = 0.9366011619567871, acc = 0.7255859375  
Batch 41: loss = 0.9846546649932861, acc = 0.69921875  
Saved checkpoint to weights\_eminem\_input.txt.40.h5

Epoch 41/100

Batch 1: loss = 0.9361700415611267, acc = 0.7138671875  
Batch 2: loss = 0.8265145421028137, acc = 0.7587890625  
Batch 3: loss = 0.8318073749542236, acc = 0.7568359375  
Batch 4: loss = 0.8551225066184998, acc = 0.7626953125  
Batch 5: loss = 0.7722357511520386, acc = 0.7666015625  
Batch 6: loss = 0.8172296285629272, acc = 0.7666015625  
Batch 7: loss = 0.8186677098274231, acc = 0.7470703125  
Batch 8: loss = 0.8193310499191284, acc = 0.75390625  
Batch 9: loss = 0.8652417659759521, acc = 0.7470703125  
Batch 10: loss = 0.8511781692504883, acc = 0.7392578125  
Batch 11: loss = 1.0318669080734253, acc = 0.6611328125  
Batch 12: loss = 0.9292163252830505, acc = 0.7138671875  
Batch 13: loss = 0.9370067119598389, acc = 0.712890625  
Batch 14: loss = 0.8858352303504944, acc = 0.732421875  
Batch 15: loss = 0.8798990249633789, acc = 0.74609375  
Batch 16: loss = 0.8988628387451172, acc = 0.7255859375  
Batch 17: loss = 0.9436583518981934, acc = 0.7138671875  
Batch 18: loss = 0.9695439338684082, acc = 0.7060546875  
Batch 19: loss = 0.9682981371879578, acc = 0.6953125  
Batch 20: loss = 0.9821805953979492, acc = 0.7001953125  
Batch 21: loss = 1.0038080215454102, acc = 0.693359375  
Batch 22: loss = 0.9538068771362305, acc = 0.70703125  
Batch 23: loss = 0.9308326244354248, acc = 0.724609375  
Batch 24: loss = 0.8859124183654785, acc = 0.7314453125  
Batch 25: loss = 0.8902281522750854, acc = 0.7255859375  
Batch 26: loss = 0.760959267616272, acc = 0.7705078125  
Batch 27: loss = 0.7088879346847534, acc = 0.7939453125  
Batch 28: loss = 0.8300126791000366, acc = 0.75  
Batch 29: loss = 0.8359354734420776, acc = 0.744140625  
Batch 30: loss = 0.8522133827209473, acc = 0.73046875  
Batch 31: loss = 0.8194107413291931, acc = 0.7568359375  
Batch 32: loss = 0.8183879852294922, acc = 0.759765625  
Batch 33: loss = 0.9408918619155884, acc = 0.7197265625  
Batch 34: loss = 1.0068073272705078, acc = 0.697265625  
Batch 35: loss = 0.9323418140411377, acc = 0.7265625  
Batch 36: loss = 0.8291955590248108, acc = 0.7490234375  
Batch 37: loss = 0.9040504693984985, acc = 0.7373046875  
Batch 38: loss = 0.8688088655471802, acc = 0.7392578125  
Batch 39: loss = 0.9201152324676514, acc = 0.71484375  
Batch 40: loss = 0.8853424787521362, acc = 0.7275390625  
Batch 41: loss = 0.9707459807395935, acc = 0.7041015625



Epoch 42/100

Batch 1: loss = 0.8676614761352539, acc = 0.7373046875  
Batch 2: loss = 0.811144232749939, acc = 0.75390625  
Batch 3: loss = 0.8385698795318604, acc = 0.744140625  
Batch 4: loss = 0.8208729028701782, acc = 0.767578125  
Batch 5: loss = 0.7395696640014648, acc = 0.78515625  
Batch 6: loss = 0.7861548662185669, acc = 0.7646484375  
Batch 7: loss = 0.8088504076004028, acc = 0.755859375  
Batch 8: loss = 0.7634007930755615, acc = 0.7626953125  
Batch 9: loss = 0.8315534591674805, acc = 0.7734375  
Batch 10: loss = 0.8634157776832581, acc = 0.740234375  
Batch 11: loss = 0.9882993102073669, acc = 0.6982421875  
Batch 12: loss = 0.9161431789398193, acc = 0.703125  
Batch 13: loss = 0.8910356163978577, acc = 0.732421875  
Batch 14: loss = 0.8377544283866882, acc = 0.7548828125  
Batch 15: loss = 0.8448269963264465, acc = 0.76171875  
Batch 16: loss = 0.8693018555641174, acc = 0.734375  
Batch 17: loss = 0.8809148073196411, acc = 0.7470703125  
Batch 18: loss = 0.9175293445587158, acc = 0.724609375  
Batch 19: loss = 0.9414768218994141, acc = 0.7275390625  
Batch 20: loss = 0.9426435232162476, acc = 0.720703125  
Batch 21: loss = 0.9478706121444702, acc = 0.705078125  
Batch 22: loss = 0.8800511360168457, acc = 0.724609375  
Batch 23: loss = 0.8672927021980286, acc = 0.7470703125  
Batch 24: loss = 0.8445290327072144, acc = 0.7529296875  
Batch 25: loss = 0.8895740509033203, acc = 0.7333984375  
Batch 26: loss = 0.7791678309440613, acc = 0.763671875  
Batch 27: loss = 0.708112359046936, acc = 0.7861328125  
Batch 28: loss = 0.7651193141937256, acc = 0.775390625  
Batch 29: loss = 0.8177199363708496, acc = 0.7626953125  
Batch 30: loss = 0.8103771805763245, acc = 0.74609375  
Batch 31: loss = 0.8379036784172058, acc = 0.7451171875  
Batch 32: loss = 0.7894564867019653, acc = 0.76171875  
Batch 33: loss = 0.8967225551605225, acc = 0.732421875  
Batch 34: loss = 0.9793170690536499, acc = 0.6904296875  
Batch 35: loss = 0.9216381311416626, acc = 0.70703125  
Batch 36: loss = 0.7413070201873779, acc = 0.76953125  
Batch 37: loss = 0.9237438440322876, acc = 0.7265625  
Batch 38: loss = 0.8739758729934692, acc = 0.73828125  
Batch 39: loss = 0.8804486393928528, acc = 0.7275390625  
Batch 40: loss = 0.8750829696655273, acc = 0.7294921875  
Batch 41: loss = 0.9078738689422607, acc = 0.71875

Epoch 43/100

Batch 1: loss = 0.8238813281059265, acc = 0.7685546875  
Batch 2: loss = 0.7671411037445068, acc = 0.7763671875  
Batch 3: loss = 0.7614123821258545, acc = 0.7763671875

Batch 4: loss = 0.7587230205535889, acc = 0.779296875  
Batch 5: loss = 0.7176940441131592, acc = 0.791015625  
Batch 6: loss = 0.736011803150177, acc = 0.775390625  
Batch 7: loss = 0.7948609590530396, acc = 0.7587890625  
Batch 8: loss = 0.7779920101165771, acc = 0.7734375  
Batch 9: loss = 0.8107587099075317, acc = 0.767578125  
Batch 10: loss = 0.8099645972251892, acc = 0.75390625  
Batch 11: loss = 0.9371353387832642, acc = 0.6923828125  
Batch 12: loss = 0.8909364938735962, acc = 0.7294921875  
Batch 13: loss = 0.8712095022201538, acc = 0.720703125  
Batch 14: loss = 0.7984210252761841, acc = 0.76171875  
Batch 15: loss = 0.8385615348815918, acc = 0.7421875  
Batch 16: loss = 0.8160644173622131, acc = 0.76171875  
Batch 17: loss = 0.8668770790100098, acc = 0.7431640625  
Batch 18: loss = 0.9116706848144531, acc = 0.728515625  
Batch 19: loss = 0.9280931353569031, acc = 0.720703125  
Batch 20: loss = 0.9238013625144958, acc = 0.732421875  
Batch 21: loss = 0.9367616176605225, acc = 0.7119140625  
Batch 22: loss = 0.8559360504150391, acc = 0.734375  
Batch 23: loss = 0.8749769926071167, acc = 0.734375  
Batch 24: loss = 0.8193202018737793, acc = 0.76171875  
Batch 25: loss = 0.8176875114440918, acc = 0.755859375  
Batch 26: loss = 0.7378954887390137, acc = 0.77734375  
Batch 27: loss = 0.6993633508682251, acc = 0.802734375  
Batch 28: loss = 0.8008899688720703, acc = 0.7470703125  
Batch 29: loss = 0.8034390807151794, acc = 0.755859375  
Batch 30: loss = 0.7542521953582764, acc = 0.7685546875  
Batch 31: loss = 0.7579208612442017, acc = 0.7783203125  
Batch 32: loss = 0.7754155397415161, acc = 0.7568359375  
Batch 33: loss = 0.9019829034805298, acc = 0.7060546875  
Batch 34: loss = 0.9683730006217957, acc = 0.705078125  
Batch 35: loss = 0.8649531602859497, acc = 0.7373046875  
Batch 36: loss = 0.7696847915649414, acc = 0.7685546875  
Batch 37: loss = 0.8380643129348755, acc = 0.7490234375  
Batch 38: loss = 0.8338058590888977, acc = 0.7529296875  
Batch 39: loss = 0.8950549364089966, acc = 0.71484375  
Batch 40: loss = 0.8775707483291626, acc = 0.7275390625  
Batch 41: loss = 0.8698543310165405, acc = 0.734375

Epoch 44/100

Batch 1: loss = 0.8156971335411072, acc = 0.759765625  
Batch 2: loss = 0.730449378490448, acc = 0.78125  
Batch 3: loss = 0.7623052597045898, acc = 0.763671875  
Batch 4: loss = 0.7602024078369141, acc = 0.7763671875  
Batch 5: loss = 0.6593538522720337, acc = 0.80859375  
Batch 6: loss = 0.7161571383476257, acc = 0.7900390625  
Batch 7: loss = 0.7483477592468262, acc = 0.765625  
Batch 8: loss = 0.7356564998626709, acc = 0.7724609375

Batch 9: loss = 0.7752615809440613, acc = 0.7705078125  
Batch 10: loss = 0.8124364018440247, acc = 0.767578125  
Batch 11: loss = 0.9244371056556702, acc = 0.70703125  
Batch 12: loss = 0.8650221824645996, acc = 0.712890625  
Batch 13: loss = 0.8400566577911377, acc = 0.748046875  
Batch 14: loss = 0.784168004989624, acc = 0.765625  
Batch 15: loss = 0.7548578977584839, acc = 0.771484375  
Batch 16: loss = 0.7939164638519287, acc = 0.751953125  
Batch 17: loss = 0.7872530221939087, acc = 0.759765625  
Batch 18: loss = 0.8723558187484741, acc = 0.724609375  
Batch 19: loss = 0.871727466583252, acc = 0.73046875  
Batch 20: loss = 0.9441713094711304, acc = 0.71484375  
Batch 21: loss = 0.9085918664932251, acc = 0.71875  
Batch 22: loss = 0.8365232944488525, acc = 0.7529296875  
Batch 23: loss = 0.85378098487854, acc = 0.72265625  
Batch 24: loss = 0.7974399328231812, acc = 0.755859375  
Batch 25: loss = 0.7606048583984375, acc = 0.767578125  
Batch 26: loss = 0.7373954057693481, acc = 0.7802734375  
Batch 27: loss = 0.6417475342750549, acc = 0.8037109375  
Batch 28: loss = 0.7333266735076904, acc = 0.783203125  
Batch 29: loss = 0.7625887989997864, acc = 0.767578125  
Batch 30: loss = 0.7529012560844421, acc = 0.76953125  
Batch 31: loss = 0.7683414220809937, acc = 0.7705078125  
Batch 32: loss = 0.7581748962402344, acc = 0.7783203125  
Batch 33: loss = 0.8722882270812988, acc = 0.7294921875  
Batch 34: loss = 0.9661234021186829, acc = 0.7001953125  
Batch 35: loss = 0.8549254536628723, acc = 0.748046875  
Batch 36: loss = 0.7121462821960449, acc = 0.783203125  
Batch 37: loss = 0.7940517663955688, acc = 0.765625  
Batch 38: loss = 0.8451166152954102, acc = 0.7265625  
Batch 39: loss = 0.8412649631500244, acc = 0.75390625  
Batch 40: loss = 0.8553676009178162, acc = 0.73828125  
Batch 41: loss = 0.8240442872047424, acc = 0.75

Epoch 45/100

Batch 1: loss = 0.8496419787406921, acc = 0.75390625  
Batch 2: loss = 0.7190478444099426, acc = 0.7861328125  
Batch 3: loss = 0.7284109592437744, acc = 0.787109375  
Batch 4: loss = 0.7504138946533203, acc = 0.78125  
Batch 5: loss = 0.6509238481521606, acc = 0.8017578125  
Batch 6: loss = 0.6763337254524231, acc = 0.8017578125  
Batch 7: loss = 0.7379839420318604, acc = 0.7724609375  
Batch 8: loss = 0.6971766948699951, acc = 0.7880859375  
Batch 9: loss = 0.771381139755249, acc = 0.779296875  
Batch 10: loss = 0.7910243272781372, acc = 0.76953125  
Batch 11: loss = 0.8730616569519043, acc = 0.72265625  
Batch 12: loss = 0.8023474216461182, acc = 0.759765625  
Batch 13: loss = 0.795000433921814, acc = 0.755859375

Batch 14: loss = 0.7511764764785767, acc = 0.77734375  
Batch 15: loss = 0.7642339468002319, acc = 0.771484375  
Batch 16: loss = 0.7768732309341431, acc = 0.7578125  
Batch 17: loss = 0.8178275227546692, acc = 0.755859375  
Batch 18: loss = 0.8189890384674072, acc = 0.7373046875  
Batch 19: loss = 0.8676361441612244, acc = 0.7470703125  
Batch 20: loss = 0.8545076251029968, acc = 0.748046875  
Batch 21: loss = 0.865752100944519, acc = 0.7314453125  
Batch 22: loss = 0.8266255855560303, acc = 0.7353515625  
Batch 23: loss = 0.7994036674499512, acc = 0.7509765625  
Batch 24: loss = 0.8127163648605347, acc = 0.7587890625  
Batch 25: loss = 0.7755260467529297, acc = 0.7607421875  
Batch 26: loss = 0.6851534843444824, acc = 0.7958984375  
Batch 27: loss = 0.6049519777297974, acc = 0.8212890625  
Batch 28: loss = 0.7221198081970215, acc = 0.783203125  
Batch 29: loss = 0.7061787843704224, acc = 0.779296875  
Batch 30: loss = 0.6625393629074097, acc = 0.796875  
Batch 31: loss = 0.7545759677886963, acc = 0.7724609375  
Batch 32: loss = 0.7189120054244995, acc = 0.78125  
Batch 33: loss = 0.8395142555236816, acc = 0.7373046875  
Batch 34: loss = 0.8715642690658569, acc = 0.732421875  
Batch 35: loss = 0.8205888271331787, acc = 0.7490234375  
Batch 36: loss = 0.6974477171897888, acc = 0.794921875  
Batch 37: loss = 0.8043367862701416, acc = 0.759765625  
Batch 38: loss = 0.7973532676696777, acc = 0.7548828125  
Batch 39: loss = 0.8111248016357422, acc = 0.75  
Batch 40: loss = 0.8232130408287048, acc = 0.74609375  
Batch 41: loss = 0.8243796229362488, acc = 0.7412109375

Epoch 46/100

Batch 1: loss = 0.770627498626709, acc = 0.7763671875  
Batch 2: loss = 0.6796166300773621, acc = 0.8095703125  
Batch 3: loss = 0.6980050206184387, acc = 0.80078125  
Batch 4: loss = 0.7013784646987915, acc = 0.8046875  
Batch 5: loss = 0.6493507027626038, acc = 0.8056640625  
Batch 6: loss = 0.6571958065032959, acc = 0.796875  
Batch 7: loss = 0.689048171043396, acc = 0.79296875  
Batch 8: loss = 0.6716351509094238, acc = 0.8056640625  
Batch 9: loss = 0.7470703721046448, acc = 0.7685546875  
Batch 10: loss = 0.7287372946739197, acc = 0.783203125  
Batch 11: loss = 0.8553401231765747, acc = 0.732421875  
Batch 12: loss = 0.7779223918914795, acc = 0.7646484375  
Batch 13: loss = 0.7884186506271362, acc = 0.765625  
Batch 14: loss = 0.7329509854316711, acc = 0.76953125  
Batch 15: loss = 0.7163251638412476, acc = 0.77734375  
Batch 16: loss = 0.7057608366012573, acc = 0.7890625  
Batch 17: loss = 0.7669327855110168, acc = 0.763671875  
Batch 18: loss = 0.8043215274810791, acc = 0.7548828125

Batch 19: loss = 0.8245741128921509, acc = 0.74609375  
Batch 20: loss = 0.8302868604660034, acc = 0.7490234375  
Batch 21: loss = 0.8416827917098999, acc = 0.748046875  
Batch 22: loss = 0.7599925994873047, acc = 0.7802734375  
Batch 23: loss = 0.7578781843185425, acc = 0.7734375  
Batch 24: loss = 0.7416126728057861, acc = 0.76953125  
Batch 25: loss = 0.7027910947799683, acc = 0.7841796875  
Batch 26: loss = 0.6341938376426697, acc = 0.80859375  
Batch 27: loss = 0.5864373445510864, acc = 0.8271484375  
Batch 28: loss = 0.7020314335823059, acc = 0.798828125  
Batch 29: loss = 0.7075245976448059, acc = 0.783203125  
Batch 30: loss = 0.6921570897102356, acc = 0.7919921875  
Batch 31: loss = 0.7567172050476074, acc = 0.76953125  
Batch 32: loss = 0.6574840545654297, acc = 0.7998046875  
Batch 33: loss = 0.8346806764602661, acc = 0.748046875  
Batch 34: loss = 0.8586335182189941, acc = 0.7421875  
Batch 35: loss = 0.8214136958122253, acc = 0.7412109375  
Batch 36: loss = 0.6581445932388306, acc = 0.796875  
Batch 37: loss = 0.7308357954025269, acc = 0.7734375  
Batch 38: loss = 0.7386138439178467, acc = 0.7705078125  
Batch 39: loss = 0.7803629636764526, acc = 0.767578125  
Batch 40: loss = 0.7595310211181641, acc = 0.763671875  
Batch 41: loss = 0.7968263626098633, acc = 0.73828125

Epoch 47/100

Batch 1: loss = 0.7500634789466858, acc = 0.7900390625  
Batch 2: loss = 0.6270197629928589, acc = 0.8173828125  
Batch 3: loss = 0.6659196615219116, acc = 0.8037109375  
Batch 4: loss = 0.6796941757202148, acc = 0.8134765625  
Batch 5: loss = 0.6146425604820251, acc = 0.8056640625  
Batch 6: loss = 0.6450331807136536, acc = 0.80859375  
Batch 7: loss = 0.6829144358634949, acc = 0.77734375  
Batch 8: loss = 0.6295685768127441, acc = 0.80859375  
Batch 9: loss = 0.7134824991226196, acc = 0.77734375  
Batch 10: loss = 0.7528889775276184, acc = 0.7724609375  
Batch 11: loss = 0.8252637982368469, acc = 0.7451171875  
Batch 12: loss = 0.7666608691215515, acc = 0.7548828125  
Batch 13: loss = 0.7660613059997559, acc = 0.763671875  
Batch 14: loss = 0.7002968192100525, acc = 0.7724609375  
Batch 15: loss = 0.6826859712600708, acc = 0.78515625  
Batch 16: loss = 0.7145476937294006, acc = 0.779296875  
Batch 17: loss = 0.7095749974250793, acc = 0.787109375  
Batch 18: loss = 0.7673202157020569, acc = 0.7646484375  
Batch 19: loss = 0.768933117389679, acc = 0.76171875  
Batch 20: loss = 0.7993032932281494, acc = 0.75390625  
Batch 21: loss = 0.865496039390564, acc = 0.7216796875  
Batch 22: loss = 0.7474204301834106, acc = 0.775390625  
Batch 23: loss = 0.723526120185852, acc = 0.779296875

Batch 24: loss = 0.6965994238853455, acc = 0.7880859375  
Batch 25: loss = 0.7035733461380005, acc = 0.78515625  
Batch 26: loss = 0.5913848280906677, acc = 0.82421875  
Batch 27: loss = 0.5742713212966919, acc = 0.83984375  
Batch 28: loss = 0.6182359457015991, acc = 0.822265625  
Batch 29: loss = 0.6314169764518738, acc = 0.8046875  
Batch 30: loss = 0.6470205187797546, acc = 0.80859375  
Batch 31: loss = 0.6807196140289307, acc = 0.7958984375  
Batch 32: loss = 0.695562481880188, acc = 0.791015625  
Batch 33: loss = 0.7762191295623779, acc = 0.7470703125  
Batch 34: loss = 0.848969578742981, acc = 0.73828125  
Batch 35: loss = 0.7588692903518677, acc = 0.763671875  
Batch 36: loss = 0.6173401474952698, acc = 0.8173828125  
Batch 37: loss = 0.7358667254447937, acc = 0.7822265625  
Batch 38: loss = 0.6939636468887329, acc = 0.7802734375  
Batch 39: loss = 0.751827597618103, acc = 0.7734375  
Batch 40: loss = 0.7406899333000183, acc = 0.7763671875  
Batch 41: loss = 0.7602539658546448, acc = 0.76171875

Epoch 48/100

Batch 1: loss = 0.701449990272522, acc = 0.798828125  
Batch 2: loss = 0.584175169467926, acc = 0.83203125  
Batch 3: loss = 0.6282501816749573, acc = 0.8154296875  
Batch 4: loss = 0.6550066471099854, acc = 0.8046875  
Batch 5: loss = 0.5682584047317505, acc = 0.833984375  
Batch 6: loss = 0.6407214403152466, acc = 0.8125  
Batch 7: loss = 0.6399042010307312, acc = 0.8154296875  
Batch 8: loss = 0.6234000325202942, acc = 0.80859375  
Batch 9: loss = 0.6806875467300415, acc = 0.798828125  
Batch 10: loss = 0.7098777294158936, acc = 0.7763671875  
Batch 11: loss = 0.7609819173812866, acc = 0.7763671875  
Batch 12: loss = 0.7631707787513733, acc = 0.7568359375  
Batch 13: loss = 0.7169526815414429, acc = 0.7744140625  
Batch 14: loss = 0.6688693761825562, acc = 0.802734375  
Batch 15: loss = 0.6819425225257874, acc = 0.796875  
Batch 16: loss = 0.6783391833305359, acc = 0.79296875  
Batch 17: loss = 0.7320854067802429, acc = 0.767578125  
Batch 18: loss = 0.7292016744613647, acc = 0.7890625  
Batch 19: loss = 0.7535788416862488, acc = 0.7744140625  
Batch 20: loss = 0.7387939691543579, acc = 0.7705078125  
Batch 21: loss = 0.8270071148872375, acc = 0.740234375  
Batch 22: loss = 0.7532473802566528, acc = 0.763671875  
Batch 23: loss = 0.727148175239563, acc = 0.7705078125  
Batch 24: loss = 0.6673375368118286, acc = 0.8037109375  
Batch 25: loss = 0.6824259161949158, acc = 0.7880859375  
Batch 26: loss = 0.5895324945449829, acc = 0.82421875  
Batch 27: loss = 0.538245439529419, acc = 0.833984375  
Batch 28: loss = 0.6243348717689514, acc = 0.80859375

Batch 29: loss = 0.6643583178520203, acc = 0.7958984375  
Batch 30: loss = 0.6166437268257141, acc = 0.80859375  
Batch 31: loss = 0.6732801198959351, acc = 0.7978515625  
Batch 32: loss = 0.6484152674674988, acc = 0.7939453125  
Batch 33: loss = 0.752558708190918, acc = 0.765625  
Batch 34: loss = 0.8076796531677246, acc = 0.755859375  
Batch 35: loss = 0.6869878172874451, acc = 0.791015625  
Batch 36: loss = 0.5952771306037903, acc = 0.8212890625  
Batch 37: loss = 0.7424851655960083, acc = 0.775390625  
Batch 38: loss = 0.6741076707839966, acc = 0.78515625  
Batch 39: loss = 0.7311664819717407, acc = 0.7705078125  
Batch 40: loss = 0.6916638612747192, acc = 0.787109375  
Batch 41: loss = 0.7437486052513123, acc = 0.7626953125

Epoch 49/100

Batch 1: loss = 0.697128415107727, acc = 0.7939453125  
Batch 2: loss = 0.6059157848358154, acc = 0.8212890625  
Batch 3: loss = 0.5782631039619446, acc = 0.8291015625  
Batch 4: loss = 0.6125816106796265, acc = 0.8212890625  
Batch 5: loss = 0.5552041530609131, acc = 0.8466796875  
Batch 6: loss = 0.6115174293518066, acc = 0.8154296875  
Batch 7: loss = 0.5906167030334473, acc = 0.814453125  
Batch 8: loss = 0.5724063515663147, acc = 0.8349609375  
Batch 9: loss = 0.6476225256919861, acc = 0.8125  
Batch 10: loss = 0.6668655872344971, acc = 0.802734375  
Batch 11: loss = 0.770366907119751, acc = 0.7529296875  
Batch 12: loss = 0.6692235469818115, acc = 0.7802734375  
Batch 13: loss = 0.6939935684204102, acc = 0.783203125  
Batch 14: loss = 0.6169053912162781, acc = 0.8115234375  
Batch 15: loss = 0.6228706240653992, acc = 0.8154296875  
Batch 16: loss = 0.6581472158432007, acc = 0.798828125  
Batch 17: loss = 0.6917131543159485, acc = 0.7890625  
Batch 18: loss = 0.7220792770385742, acc = 0.765625  
Batch 19: loss = 0.7194570302963257, acc = 0.7744140625  
Batch 20: loss = 0.7552295923233032, acc = 0.775390625  
Batch 21: loss = 0.73029625415802, acc = 0.767578125  
Batch 22: loss = 0.7092235088348389, acc = 0.7861328125  
Batch 23: loss = 0.6769261360168457, acc = 0.794921875  
Batch 24: loss = 0.6561855673789978, acc = 0.80078125  
Batch 25: loss = 0.6635191440582275, acc = 0.794921875  
Batch 26: loss = 0.585342526435852, acc = 0.8271484375  
Batch 27: loss = 0.5761733055114746, acc = 0.830078125  
Batch 28: loss = 0.6322144269943237, acc = 0.8046875  
Batch 29: loss = 0.6306338310241699, acc = 0.7998046875  
Batch 30: loss = 0.5974477529525757, acc = 0.8017578125  
Batch 31: loss = 0.6833821535110474, acc = 0.79296875  
Batch 32: loss = 0.6253904700279236, acc = 0.7998046875  
Batch 33: loss = 0.6981566548347473, acc = 0.7744140625

Batch 34: loss = 0.7340025901794434, acc = 0.7861328125  
Batch 35: loss = 0.7049514055252075, acc = 0.7998046875  
Batch 36: loss = 0.5931342840194702, acc = 0.828125  
Batch 37: loss = 0.6642264127731323, acc = 0.8017578125  
Batch 38: loss = 0.6903238296508789, acc = 0.7802734375  
Batch 39: loss = 0.7027935981750488, acc = 0.76953125  
Batch 40: loss = 0.6700881123542786, acc = 0.7822265625  
Batch 41: loss = 0.7183852791786194, acc = 0.79296875

Epoch 50/100

Batch 1: loss = 0.6644061207771301, acc = 0.806640625  
Batch 2: loss = 0.5826942324638367, acc = 0.81640625  
Batch 3: loss = 0.5663845539093018, acc = 0.837890625  
Batch 4: loss = 0.5968209505081177, acc = 0.8203125  
Batch 5: loss = 0.5424787998199463, acc = 0.83203125  
Batch 6: loss = 0.5716620683670044, acc = 0.826171875  
Batch 7: loss = 0.5931183695793152, acc = 0.818359375  
Batch 8: loss = 0.5811681747436523, acc = 0.8232421875  
Batch 9: loss = 0.6161835789680481, acc = 0.818359375  
Batch 10: loss = 0.6244057416915894, acc = 0.8037109375  
Batch 11: loss = 0.7395350933074951, acc = 0.7705078125  
Batch 12: loss = 0.6836245059967041, acc = 0.775390625  
Batch 13: loss = 0.7069960832595825, acc = 0.7900390625  
Batch 14: loss = 0.6490470170974731, acc = 0.79296875  
Batch 15: loss = 0.6257094740867615, acc = 0.81640625  
Batch 16: loss = 0.5980018377304077, acc = 0.8173828125  
Batch 17: loss = 0.6391925811767578, acc = 0.80078125  
Batch 18: loss = 0.7141435146331787, acc = 0.7626953125  
Batch 19: loss = 0.7127909660339355, acc = 0.7734375  
Batch 20: loss = 0.7352139949798584, acc = 0.767578125  
Batch 21: loss = 0.7565499544143677, acc = 0.765625  
Batch 22: loss = 0.6781158447265625, acc = 0.79296875  
Batch 23: loss = 0.6710913181304932, acc = 0.779296875  
Batch 24: loss = 0.6546921730041504, acc = 0.8017578125  
Batch 25: loss = 0.6404271125793457, acc = 0.7998046875  
Batch 26: loss = 0.5632216930389404, acc = 0.8359375  
Batch 27: loss = 0.5009483098983765, acc = 0.8525390625  
Batch 28: loss = 0.5961889028549194, acc = 0.8271484375  
Batch 29: loss = 0.6205689907073975, acc = 0.796875  
Batch 30: loss = 0.5824519395828247, acc = 0.8330078125  
Batch 31: loss = 0.625873327255249, acc = 0.8115234375  
Batch 32: loss = 0.5665103197097778, acc = 0.837890625  
Batch 33: loss = 0.6755909323692322, acc = 0.79296875  
Batch 34: loss = 0.7547650933265686, acc = 0.7548828125  
Batch 35: loss = 0.6557601094245911, acc = 0.7939453125  
Batch 36: loss = 0.5685157775878906, acc = 0.830078125  
Batch 37: loss = 0.6781361103057861, acc = 0.7900390625  
Batch 38: loss = 0.6065798401832581, acc = 0.8193359375



Batch 39: loss = 0.6561043858528137, acc = 0.791015625  
Batch 40: loss = 0.6875914335250854, acc = 0.787109375  
Batch 41: loss = 0.6809329986572266, acc = 0.7861328125  
Saved checkpoint to weights\_eminem\_input.txt.50.h5

Epoch 51/100

Batch 1: loss = 0.6339386701583862, acc = 0.8115234375  
Batch 2: loss = 0.5894806385040283, acc = 0.830078125  
Batch 3: loss = 0.575699508190155, acc = 0.8291015625  
Batch 4: loss = 0.5948590636253357, acc = 0.822265625  
Batch 5: loss = 0.5395305156707764, acc = 0.8388671875  
Batch 6: loss = 0.553457498550415, acc = 0.8349609375  
Batch 7: loss = 0.5821260213851929, acc = 0.8251953125  
Batch 8: loss = 0.5814856290817261, acc = 0.83203125  
Batch 9: loss = 0.5773164629936218, acc = 0.822265625  
Batch 10: loss = 0.6484339833259583, acc = 0.8046875  
Batch 11: loss = 0.7028418779373169, acc = 0.783203125  
Batch 12: loss = 0.6457207798957825, acc = 0.814453125  
Batch 13: loss = 0.6591873168945312, acc = 0.7919921875  
Batch 14: loss = 0.6029617786407471, acc = 0.8291015625  
Batch 15: loss = 0.6338472366333008, acc = 0.822265625  
Batch 16: loss = 0.6476967334747314, acc = 0.802734375  
Batch 17: loss = 0.6096988916397095, acc = 0.8125  
Batch 18: loss = 0.6707539558410645, acc = 0.7890625  
Batch 19: loss = 0.7155483961105347, acc = 0.77734375  
Batch 20: loss = 0.7171065807342529, acc = 0.7763671875  
Batch 21: loss = 0.7508174180984497, acc = 0.75  
Batch 22: loss = 0.6903015971183777, acc = 0.7861328125  
Batch 23: loss = 0.6627049446105957, acc = 0.79296875  
Batch 24: loss = 0.6434338092803955, acc = 0.794921875  
Batch 25: loss = 0.6160396337509155, acc = 0.8017578125  
Batch 26: loss = 0.5636324286460876, acc = 0.8193359375  
Batch 27: loss = 0.5131271481513977, acc = 0.8583984375  
Batch 28: loss = 0.5831343531608582, acc = 0.8310546875  
Batch 29: loss = 0.6050546169281006, acc = 0.810546875  
Batch 30: loss = 0.5888619422912598, acc = 0.82421875  
Batch 31: loss = 0.626103401184082, acc = 0.8134765625  
Batch 32: loss = 0.5849273800849915, acc = 0.82421875  
Batch 33: loss = 0.659374475479126, acc = 0.779296875  
Batch 34: loss = 0.7211660146713257, acc = 0.7763671875  
Batch 35: loss = 0.6708229780197144, acc = 0.8076171875  
Batch 36: loss = 0.563697338104248, acc = 0.8251953125  
Batch 37: loss = 0.6419632434844971, acc = 0.8056640625  
Batch 38: loss = 0.6388065814971924, acc = 0.80078125  
Batch 39: loss = 0.6684759259223938, acc = 0.791015625  
Batch 40: loss = 0.6451932191848755, acc = 0.7919921875  
Batch 41: loss = 0.6961999535560608, acc = 0.7841796875

Epoch 52/100

Batch 1: loss = 0.6258344054222107, acc = 0.826171875  
Batch 2: loss = 0.5324146747589111, acc = 0.8427734375  
Batch 3: loss = 0.5506070852279663, acc = 0.8427734375  
Batch 4: loss = 0.5948020815849304, acc = 0.8251953125  
Batch 5: loss = 0.5403885245323181, acc = 0.8427734375  
Batch 6: loss = 0.5394494533538818, acc = 0.8388671875  
Batch 7: loss = 0.599652886390686, acc = 0.81640625  
Batch 8: loss = 0.5722053050994873, acc = 0.830078125  
Batch 9: loss = 0.5948621034622192, acc = 0.8212890625  
Batch 10: loss = 0.5764800310134888, acc = 0.8203125  
Batch 11: loss = 0.6558784246444702, acc = 0.791015625  
Batch 12: loss = 0.6451818346977234, acc = 0.7919921875  
Batch 13: loss = 0.6652171015739441, acc = 0.8134765625  
Batch 14: loss = 0.5968148708343506, acc = 0.8173828125  
Batch 15: loss = 0.5659706592559814, acc = 0.828125  
Batch 16: loss = 0.6561682224273682, acc = 0.7861328125  
Batch 17: loss = 0.6607107520103455, acc = 0.7861328125  
Batch 18: loss = 0.6849039196968079, acc = 0.77734375  
Batch 19: loss = 0.6516789197921753, acc = 0.7958984375  
Batch 20: loss = 0.6913598775863647, acc = 0.7783203125  
Batch 21: loss = 0.6966958045959473, acc = 0.7705078125  
Batch 22: loss = 0.6358797550201416, acc = 0.8037109375  
Batch 23: loss = 0.6366782784461975, acc = 0.80078125  
Batch 24: loss = 0.5916867852210999, acc = 0.8095703125  
Batch 25: loss = 0.5993757247924805, acc = 0.8212890625  
Batch 26: loss = 0.5630708336830139, acc = 0.8271484375  
Batch 27: loss = 0.5140918493270874, acc = 0.857421875  
Batch 28: loss = 0.5621491074562073, acc = 0.8203125  
Batch 29: loss = 0.6386216878890991, acc = 0.80078125  
Batch 30: loss = 0.5608544945716858, acc = 0.830078125  
Batch 31: loss = 0.6220356225967407, acc = 0.8076171875  
Batch 32: loss = 0.5679595470428467, acc = 0.8291015625  
Batch 33: loss = 0.6211826801300049, acc = 0.8046875  
Batch 34: loss = 0.7219654321670532, acc = 0.783203125  
Batch 35: loss = 0.6316044926643372, acc = 0.8037109375  
Batch 36: loss = 0.5624734163284302, acc = 0.8359375  
Batch 37: loss = 0.6054351329803467, acc = 0.8115234375  
Batch 38: loss = 0.6223979592323303, acc = 0.80859375  
Batch 39: loss = 0.6288179755210876, acc = 0.8017578125  
Batch 40: loss = 0.6903189420700073, acc = 0.7802734375  
Batch 41: loss = 0.6856428384780884, acc = 0.7666015625

Epoch 53/100

Batch 1: loss = 0.5920739769935608, acc = 0.8251953125  
Batch 2: loss = 0.5574188232421875, acc = 0.8330078125  
Batch 3: loss = 0.5780127048492432, acc = 0.8134765625  
Batch 4: loss = 0.5419845581054688, acc = 0.845703125

Batch 5: loss = 0.4988628327846527, acc = 0.85546875  
Batch 6: loss = 0.5251761674880981, acc = 0.837890625  
Batch 7: loss = 0.6002298593521118, acc = 0.8203125  
Batch 8: loss = 0.5836314558982849, acc = 0.8193359375  
Batch 9: loss = 0.6060826778411865, acc = 0.8291015625  
Batch 10: loss = 0.6094878315925598, acc = 0.7998046875  
Batch 11: loss = 0.692962646484375, acc = 0.78515625  
Batch 12: loss = 0.5692176222801208, acc = 0.8134765625  
Batch 13: loss = 0.5967059135437012, acc = 0.8134765625  
Batch 14: loss = 0.5799866318702698, acc = 0.8251953125  
Batch 15: loss = 0.5812290906906128, acc = 0.833984375  
Batch 16: loss = 0.5925144553184509, acc = 0.8095703125  
Batch 17: loss = 0.6315096020698547, acc = 0.810546875  
Batch 18: loss = 0.665595531463623, acc = 0.775390625  
Batch 19: loss = 0.6846837401390076, acc = 0.787109375  
Batch 20: loss = 0.7088019847869873, acc = 0.7744140625  
Batch 21: loss = 0.7325782775878906, acc = 0.7646484375  
Batch 22: loss = 0.6461462378501892, acc = 0.7900390625  
Batch 23: loss = 0.638853907585144, acc = 0.796875  
Batch 24: loss = 0.5674499273300171, acc = 0.814453125  
Batch 25: loss = 0.5902019739151001, acc = 0.822265625  
Batch 26: loss = 0.5129823684692383, acc = 0.8408203125  
Batch 27: loss = 0.47164130210876465, acc = 0.85546875  
Batch 28: loss = 0.562448263168335, acc = 0.8271484375  
Batch 29: loss = 0.5822976231575012, acc = 0.8212890625  
Batch 30: loss = 0.5832127928733826, acc = 0.8193359375  
Batch 31: loss = 0.6105413436889648, acc = 0.8037109375  
Batch 32: loss = 0.5564005374908447, acc = 0.826171875  
Batch 33: loss = 0.6460961699485779, acc = 0.796875  
Batch 34: loss = 0.6804282665252686, acc = 0.7919921875  
Batch 35: loss = 0.6462609767913818, acc = 0.8046875  
Batch 36: loss = 0.5378745794296265, acc = 0.845703125  
Batch 37: loss = 0.6145140528678894, acc = 0.8115234375  
Batch 38: loss = 0.5964463949203491, acc = 0.814453125  
Batch 39: loss = 0.6526657342910767, acc = 0.78515625  
Batch 40: loss = 0.6504409909248352, acc = 0.796875  
Batch 41: loss = 0.6833333373069763, acc = 0.7822265625

Epoch 54/100

Batch 1: loss = 0.635198712348938, acc = 0.814453125  
Batch 2: loss = 0.5496640801429749, acc = 0.8349609375  
Batch 3: loss = 0.5458081960678101, acc = 0.8310546875  
Batch 4: loss = 0.5800155997276306, acc = 0.818359375  
Batch 5: loss = 0.49616190791130066, acc = 0.8525390625  
Batch 6: loss = 0.5275161266326904, acc = 0.84765625  
Batch 7: loss = 0.5043487548828125, acc = 0.8388671875  
Batch 8: loss = 0.5358903408050537, acc = 0.8349609375  
Batch 9: loss = 0.5664621591567993, acc = 0.8251953125

Batch 10: loss = 0.6034939289093018, acc = 0.8173828125  
Batch 11: loss = 0.6673253774642944, acc = 0.779296875  
Batch 12: loss = 0.6425445079803467, acc = 0.7900390625  
Batch 13: loss = 0.5806053280830383, acc = 0.8173828125  
Batch 14: loss = 0.5530047416687012, acc = 0.8427734375  
Batch 15: loss = 0.5388844609260559, acc = 0.8408203125  
Batch 16: loss = 0.5350706577301025, acc = 0.84375  
Batch 17: loss = 0.6027206182479858, acc = 0.8203125  
Batch 18: loss = 0.6321218609809875, acc = 0.8017578125  
Batch 19: loss = 0.6367788314819336, acc = 0.8017578125  
Batch 20: loss = 0.6972689032554626, acc = 0.7841796875  
Batch 21: loss = 0.6916969418525696, acc = 0.7666015625  
Batch 22: loss = 0.6772034764289856, acc = 0.798828125  
Batch 23: loss = 0.6275234222412109, acc = 0.8095703125  
Batch 24: loss = 0.6526753902435303, acc = 0.7958984375  
Batch 25: loss = 0.6172848343849182, acc = 0.806640625  
Batch 26: loss = 0.5247523784637451, acc = 0.8388671875  
Batch 27: loss = 0.4574078917503357, acc = 0.8603515625  
Batch 28: loss = 0.5405197143554688, acc = 0.833984375  
Batch 29: loss = 0.5671300888061523, acc = 0.8369140625  
Batch 30: loss = 0.5379139184951782, acc = 0.837890625  
Batch 31: loss = 0.5863741636276245, acc = 0.8251953125  
Batch 32: loss = 0.5249214768409729, acc = 0.8447265625  
Batch 33: loss = 0.6555193066596985, acc = 0.7939453125  
Batch 34: loss = 0.665067195892334, acc = 0.80078125  
Batch 35: loss = 0.5997041463851929, acc = 0.830078125  
Batch 36: loss = 0.5503072142601013, acc = 0.830078125  
Batch 37: loss = 0.5933765172958374, acc = 0.8251953125  
Batch 38: loss = 0.5586003065109253, acc = 0.8203125  
Batch 39: loss = 0.6297140717506409, acc = 0.8046875  
Batch 40: loss = 0.6368892192840576, acc = 0.7802734375  
Batch 41: loss = 0.6630029678344727, acc = 0.783203125

Epoch 55/100

Batch 1: loss = 0.6381373405456543, acc = 0.814453125  
Batch 2: loss = 0.5451309084892273, acc = 0.830078125  
Batch 3: loss = 0.5267859101295471, acc = 0.84765625  
Batch 4: loss = 0.5465084910392761, acc = 0.833984375  
Batch 5: loss = 0.5028170347213745, acc = 0.8515625  
Batch 6: loss = 0.4574739933013916, acc = 0.853515625  
Batch 7: loss = 0.5120075941085815, acc = 0.837890625  
Batch 8: loss = 0.492822527885437, acc = 0.861328125  
Batch 9: loss = 0.5522581338882446, acc = 0.82421875  
Batch 10: loss = 0.5256441831588745, acc = 0.8486328125  
Batch 11: loss = 0.6562286615371704, acc = 0.8017578125  
Batch 12: loss = 0.6013391613960266, acc = 0.8095703125  
Batch 13: loss = 0.6131802797317505, acc = 0.8193359375  
Batch 14: loss = 0.5463067889213562, acc = 0.8291015625

Batch 15: loss = 0.5176407098770142, acc = 0.8486328125  
Batch 16: loss = 0.5337601900100708, acc = 0.830078125  
Batch 17: loss = 0.5619665384292603, acc = 0.8193359375  
Batch 18: loss = 0.578118085861206, acc = 0.8271484375  
Batch 19: loss = 0.6022895574569702, acc = 0.8125  
Batch 20: loss = 0.6786648631095886, acc = 0.7978515625  
Batch 21: loss = 0.6229361891746521, acc = 0.810546875  
Batch 22: loss = 0.6711889505386353, acc = 0.7841796875  
Batch 23: loss = 0.6599032878875732, acc = 0.802734375  
Batch 24: loss = 0.5936144590377808, acc = 0.806640625  
Batch 25: loss = 0.5926251411437988, acc = 0.80859375  
Batch 26: loss = 0.5112243294715881, acc = 0.849609375  
Batch 27: loss = 0.46584731340408325, acc = 0.8564453125  
Batch 28: loss = 0.5047998428344727, acc = 0.8544921875  
Batch 29: loss = 0.5636659860610962, acc = 0.8291015625  
Batch 30: loss = 0.5146446228027344, acc = 0.845703125  
Batch 31: loss = 0.5664398670196533, acc = 0.826171875  
Batch 32: loss = 0.5078927278518677, acc = 0.85546875  
Batch 33: loss = 0.6034784913063049, acc = 0.8134765625  
Batch 34: loss = 0.6891058683395386, acc = 0.802734375  
Batch 35: loss = 0.6157071590423584, acc = 0.8046875  
Batch 36: loss = 0.5022670030593872, acc = 0.8544921875  
Batch 37: loss = 0.5469927787780762, acc = 0.8291015625  
Batch 38: loss = 0.5494548082351685, acc = 0.8359375  
Batch 39: loss = 0.5807904005050659, acc = 0.814453125  
Batch 40: loss = 0.5971930027008057, acc = 0.8115234375  
Batch 41: loss = 0.5877057313919067, acc = 0.822265625

Epoch 56/100

Batch 1: loss = 0.5644592642784119, acc = 0.8232421875  
Batch 2: loss = 0.5075066685676575, acc = 0.841796875  
Batch 3: loss = 0.4680793285369873, acc = 0.861328125  
Batch 4: loss = 0.49406492710113525, acc = 0.857421875  
Batch 5: loss = 0.482269823551178, acc = 0.859375  
Batch 6: loss = 0.47629719972610474, acc = 0.86328125  
Batch 7: loss = 0.5175848007202148, acc = 0.8349609375  
Batch 8: loss = 0.49802204966545105, acc = 0.8408203125  
Batch 9: loss = 0.5598596334457397, acc = 0.826171875  
Batch 10: loss = 0.5432078838348389, acc = 0.8447265625  
Batch 11: loss = 0.6708710789680481, acc = 0.783203125  
Batch 12: loss = 0.5678818821907043, acc = 0.8232421875  
Batch 13: loss = 0.6005531549453735, acc = 0.8056640625  
Batch 14: loss = 0.5357977747917175, acc = 0.83203125  
Batch 15: loss = 0.5346254110336304, acc = 0.8359375  
Batch 16: loss = 0.5076271295547485, acc = 0.84375  
Batch 17: loss = 0.5471169948577881, acc = 0.8330078125  
Batch 18: loss = 0.5685564279556274, acc = 0.8173828125  
Batch 19: loss = 0.5787692666053772, acc = 0.828125

Batch 20: loss = 0.5830093622207642, acc = 0.8271484375  
Batch 21: loss = 0.6435689926147461, acc = 0.8017578125  
Batch 22: loss = 0.5974560976028442, acc = 0.814453125  
Batch 23: loss = 0.5635592341423035, acc = 0.828125  
Batch 24: loss = 0.5402483940124512, acc = 0.8310546875  
Batch 25: loss = 0.5279517769813538, acc = 0.833984375  
Batch 26: loss = 0.47905975580215454, acc = 0.8603515625  
Batch 27: loss = 0.4437410533428192, acc = 0.8671875  
Batch 28: loss = 0.5255868434906006, acc = 0.8466796875  
Batch 29: loss = 0.5175093412399292, acc = 0.83984375  
Batch 30: loss = 0.501354992389679, acc = 0.8544921875  
Batch 31: loss = 0.5444662570953369, acc = 0.8408203125  
Batch 32: loss = 0.5033812522888184, acc = 0.845703125  
Batch 33: loss = 0.5882634520530701, acc = 0.810546875  
Batch 34: loss = 0.643335223197937, acc = 0.802734375  
Batch 35: loss = 0.5692713260650635, acc = 0.83203125  
Batch 36: loss = 0.4748263955116272, acc = 0.8603515625  
Batch 37: loss = 0.5655937194824219, acc = 0.8154296875  
Batch 38: loss = 0.5573737621307373, acc = 0.83984375  
Batch 39: loss = 0.5966348648071289, acc = 0.8134765625  
Batch 40: loss = 0.5678480863571167, acc = 0.8212890625  
Batch 41: loss = 0.5440726280212402, acc = 0.8310546875

Epoch 57/100

Batch 1: loss = 0.5664388537406921, acc = 0.83984375  
Batch 2: loss = 0.4612199664115906, acc = 0.859375  
Batch 3: loss = 0.5113551616668701, acc = 0.8447265625  
Batch 4: loss = 0.503085732460022, acc = 0.84375  
Batch 5: loss = 0.4302155375480652, acc = 0.8798828125  
Batch 6: loss = 0.488700270652771, acc = 0.8564453125  
Batch 7: loss = 0.5016772150993347, acc = 0.845703125  
Batch 8: loss = 0.48305192589759827, acc = 0.86328125  
Batch 9: loss = 0.5488300323486328, acc = 0.8359375  
Batch 10: loss = 0.5635018944740295, acc = 0.830078125  
Batch 11: loss = 0.6211709976196289, acc = 0.802734375  
Batch 12: loss = 0.5460066795349121, acc = 0.833984375  
Batch 13: loss = 0.5437453985214233, acc = 0.8271484375  
Batch 14: loss = 0.4980194568634033, acc = 0.8486328125  
Batch 15: loss = 0.5101896524429321, acc = 0.859375  
Batch 16: loss = 0.5608335137367249, acc = 0.822265625  
Batch 17: loss = 0.5237636566162109, acc = 0.828125  
Batch 18: loss = 0.5701533555984497, acc = 0.818359375  
Batch 19: loss = 0.591347336769104, acc = 0.8271484375  
Batch 20: loss = 0.6087372303009033, acc = 0.8017578125  
Batch 21: loss = 0.6055263876914978, acc = 0.8134765625  
Batch 22: loss = 0.5497387647628784, acc = 0.8408203125  
Batch 23: loss = 0.5349586606025696, acc = 0.83203125  
Batch 24: loss = 0.5250537395477295, acc = 0.8330078125

Batch 25: loss = 0.5114052295684814, acc = 0.8505859375  
Batch 26: loss = 0.4626696705818176, acc = 0.859375  
Batch 27: loss = 0.42440786957740784, acc = 0.8681640625  
Batch 28: loss = 0.5014413595199585, acc = 0.859375  
Batch 29: loss = 0.5405418872833252, acc = 0.8310546875  
Batch 30: loss = 0.5516678094863892, acc = 0.8271484375  
Batch 31: loss = 0.5218170881271362, acc = 0.8427734375  
Batch 32: loss = 0.5462446212768555, acc = 0.83203125  
Batch 33: loss = 0.5878833532333374, acc = 0.81640625  
Batch 34: loss = 0.5782302021980286, acc = 0.826171875  
Batch 35: loss = 0.533269464969635, acc = 0.841796875  
Batch 36: loss = 0.4482334852218628, acc = 0.8505859375  
Batch 37: loss = 0.5363081097602844, acc = 0.841796875  
Batch 38: loss = 0.49639248847961426, acc = 0.853515625  
Batch 39: loss = 0.5936440229415894, acc = 0.8017578125  
Batch 40: loss = 0.5562412738800049, acc = 0.8193359375  
Batch 41: loss = 0.5737501382827759, acc = 0.8203125

Epoch 58/100

Batch 1: loss = 0.5199179649353027, acc = 0.857421875  
Batch 2: loss = 0.46129661798477173, acc = 0.8623046875  
Batch 3: loss = 0.46057116985321045, acc = 0.8671875  
Batch 4: loss = 0.438309907913208, acc = 0.873046875  
Batch 5: loss = 0.43147435784339905, acc = 0.8642578125  
Batch 6: loss = 0.4393109083175659, acc = 0.8564453125  
Batch 7: loss = 0.47467708587646484, acc = 0.8564453125  
Batch 8: loss = 0.47585391998291016, acc = 0.85546875  
Batch 9: loss = 0.5232308506965637, acc = 0.8544921875  
Batch 10: loss = 0.5144174098968506, acc = 0.8369140625  
Batch 11: loss = 0.556155800819397, acc = 0.8359375  
Batch 12: loss = 0.5227720737457275, acc = 0.828125  
Batch 13: loss = 0.5009950399398804, acc = 0.8525390625  
Batch 14: loss = 0.48956096172332764, acc = 0.8486328125  
Batch 15: loss = 0.49981558322906494, acc = 0.849609375  
Batch 16: loss = 0.48215335607528687, acc = 0.8408203125  
Batch 17: loss = 0.5114037990570068, acc = 0.841796875  
Batch 18: loss = 0.5227934718132019, acc = 0.8349609375  
Batch 19: loss = 0.5714882612228394, acc = 0.814453125  
Batch 20: loss = 0.5828630328178406, acc = 0.8232421875  
Batch 21: loss = 0.6008041501045227, acc = 0.8056640625  
Batch 22: loss = 0.5678616762161255, acc = 0.8349609375  
Batch 23: loss = 0.5509151220321655, acc = 0.8291015625  
Batch 24: loss = 0.5072221159934998, acc = 0.8388671875  
Batch 25: loss = 0.4897611439228058, acc = 0.857421875  
Batch 26: loss = 0.4505165219306946, acc = 0.857421875  
Batch 27: loss = 0.4134538769721985, acc = 0.8740234375  
Batch 28: loss = 0.4857076406478882, acc = 0.849609375  
Batch 29: loss = 0.5039559006690979, acc = 0.8447265625

Batch 30: loss = 0.5189940929412842, acc = 0.83984375  
Batch 31: loss = 0.5136836767196655, acc = 0.857421875  
Batch 32: loss = 0.45214495062828064, acc = 0.8671875  
Batch 33: loss = 0.5583795309066772, acc = 0.82421875  
Batch 34: loss = 0.6137580275535583, acc = 0.806640625  
Batch 35: loss = 0.5199755430221558, acc = 0.8408203125  
Batch 36: loss = 0.46374958753585815, acc = 0.8623046875  
Batch 37: loss = 0.5064321160316467, acc = 0.84765625  
Batch 38: loss = 0.5063889026641846, acc = 0.841796875  
Batch 39: loss = 0.5037697553634644, acc = 0.849609375  
Batch 40: loss = 0.5724915266036987, acc = 0.8154296875  
Batch 41: loss = 0.5325397849082947, acc = 0.8359375

Epoch 59/100

Batch 1: loss = 0.5049852728843689, acc = 0.849609375  
Batch 2: loss = 0.4502287209033966, acc = 0.86328125  
Batch 3: loss = 0.4460292458534241, acc = 0.861328125  
Batch 4: loss = 0.44093456864356995, acc = 0.8662109375  
Batch 5: loss = 0.4157077372074127, acc = 0.8720703125  
Batch 6: loss = 0.43003860116004944, acc = 0.8701171875  
Batch 7: loss = 0.43969428539276123, acc = 0.859375  
Batch 8: loss = 0.4195440709590912, acc = 0.8701171875  
Batch 9: loss = 0.46556025743484497, acc = 0.86328125  
Batch 10: loss = 0.4511934518814087, acc = 0.8623046875  
Batch 11: loss = 0.5331664681434631, acc = 0.837890625  
Batch 12: loss = 0.5094320178031921, acc = 0.849609375  
Batch 13: loss = 0.4948710799217224, acc = 0.8525390625  
Batch 14: loss = 0.472548246383667, acc = 0.8623046875  
Batch 15: loss = 0.45483967661857605, acc = 0.8525390625  
Batch 16: loss = 0.4931578040122986, acc = 0.8515625  
Batch 17: loss = 0.5089060664176941, acc = 0.8369140625  
Batch 18: loss = 0.5080353021621704, acc = 0.845703125  
Batch 19: loss = 0.5124713182449341, acc = 0.84375  
Batch 20: loss = 0.5621733665466309, acc = 0.833984375  
Batch 21: loss = 0.575175940990448, acc = 0.8125  
Batch 22: loss = 0.5342134237289429, acc = 0.8408203125  
Batch 23: loss = 0.512920081615448, acc = 0.845703125  
Batch 24: loss = 0.4829311966896057, acc = 0.853515625  
Batch 25: loss = 0.4703626036643982, acc = 0.857421875  
Batch 26: loss = 0.437710165977478, acc = 0.8720703125  
Batch 27: loss = 0.3914884328842163, acc = 0.8876953125  
Batch 28: loss = 0.4530097544193268, acc = 0.8671875  
Batch 29: loss = 0.4722232818603516, acc = 0.8486328125  
Batch 30: loss = 0.4489406943321228, acc = 0.8642578125  
Batch 31: loss = 0.50248783826828, acc = 0.8515625  
Batch 32: loss = 0.4307595491409302, acc = 0.8798828125  
Batch 33: loss = 0.5654376149177551, acc = 0.81640625  
Batch 34: loss = 0.5658684372901917, acc = 0.8330078125



Batch 35: loss = 0.4771186113357544, acc = 0.861328125  
Batch 36: loss = 0.4188939929008484, acc = 0.8740234375  
Batch 37: loss = 0.5162572264671326, acc = 0.8388671875  
Batch 38: loss = 0.46050938963890076, acc = 0.865234375  
Batch 39: loss = 0.5320179462432861, acc = 0.8349609375  
Batch 40: loss = 0.5340375900268555, acc = 0.84375  
Batch 41: loss = 0.538482666015625, acc = 0.8359375

Epoch 60/100

Batch 1: loss = 0.48206016421318054, acc = 0.8505859375  
Batch 2: loss = 0.4349632263183594, acc = 0.865234375  
Batch 3: loss = 0.4082637429237366, acc = 0.884765625  
Batch 4: loss = 0.44231587648391724, acc = 0.8662109375  
Batch 5: loss = 0.3539782464504242, acc = 0.8955078125  
Batch 6: loss = 0.4273519814014435, acc = 0.861328125  
Batch 7: loss = 0.42088058590888977, acc = 0.8740234375  
Batch 8: loss = 0.42768198251724243, acc = 0.8759765625  
Batch 9: loss = 0.419294536113739, acc = 0.8701171875  
Batch 10: loss = 0.4623398780822754, acc = 0.8642578125  
Batch 11: loss = 0.502853512763977, acc = 0.837890625  
Batch 12: loss = 0.5320205688476562, acc = 0.826171875  
Batch 13: loss = 0.5071964263916016, acc = 0.8515625  
Batch 14: loss = 0.4726402461528778, acc = 0.8544921875  
Batch 15: loss = 0.42264923453330994, acc = 0.880859375  
Batch 16: loss = 0.4752137064933777, acc = 0.849609375  
Batch 17: loss = 0.4625036120414734, acc = 0.8544921875  
Batch 18: loss = 0.5286650061607361, acc = 0.8349609375  
Batch 19: loss = 0.5079410076141357, acc = 0.8486328125  
Batch 20: loss = 0.5368491411209106, acc = 0.8251953125  
Batch 21: loss = 0.5510015487670898, acc = 0.8310546875  
Batch 22: loss = 0.4799351692199707, acc = 0.845703125  
Batch 23: loss = 0.503619372844696, acc = 0.8427734375  
Batch 24: loss = 0.4915698766708374, acc = 0.8525390625  
Batch 25: loss = 0.46169912815093994, acc = 0.861328125  
Batch 26: loss = 0.475400447845459, acc = 0.8544921875  
Batch 27: loss = 0.4402031898498535, acc = 0.859375  
Batch 28: loss = 0.4605702757835388, acc = 0.861328125  
Batch 29: loss = 0.49360954761505127, acc = 0.849609375  
Batch 30: loss = 0.4487048387527466, acc = 0.853515625  
Batch 31: loss = 0.49854058027267456, acc = 0.8564453125  
Batch 32: loss = 0.4337998032569885, acc = 0.8701171875  
Batch 33: loss = 0.5160372257232666, acc = 0.83203125  
Batch 34: loss = 0.5551947951316833, acc = 0.822265625  
Batch 35: loss = 0.5277854800224304, acc = 0.833984375  
Batch 36: loss = 0.4305489659309387, acc = 0.8671875  
Batch 37: loss = 0.4672926068305969, acc = 0.857421875  
Batch 38: loss = 0.4685561954975128, acc = 0.84765625  
Batch 39: loss = 0.5124455094337463, acc = 0.8505859375

Batch 40: loss = 0.47303587198257446, acc = 0.8525390625  
Batch 41: loss = 0.5215096473693848, acc = 0.837890625  
Saved checkpoint to weights\_eminem\_input.txt.60.h5

Epoch 61/100

Batch 1: loss = 0.5030766725540161, acc = 0.8603515625  
Batch 2: loss = 0.42267298698425293, acc = 0.8740234375  
Batch 3: loss = 0.41234534978866577, acc = 0.876953125  
Batch 4: loss = 0.44177213311195374, acc = 0.865234375  
Batch 5: loss = 0.3669915795326233, acc = 0.8828125  
Batch 6: loss = 0.42856404185295105, acc = 0.8662109375  
Batch 7: loss = 0.43273475766181946, acc = 0.8564453125  
Batch 8: loss = 0.44520264863967896, acc = 0.859375  
Batch 9: loss = 0.4329008460044861, acc = 0.8642578125  
Batch 10: loss = 0.4525344967842102, acc = 0.853515625  
Batch 11: loss = 0.517420768737793, acc = 0.8271484375  
Batch 12: loss = 0.4724500775337219, acc = 0.8564453125  
Batch 13: loss = 0.5205013751983643, acc = 0.837890625  
Batch 14: loss = 0.4565683603286743, acc = 0.8662109375  
Batch 15: loss = 0.43872249126434326, acc = 0.869140625  
Batch 16: loss = 0.47398388385772705, acc = 0.84765625  
Batch 17: loss = 0.48155343532562256, acc = 0.8466796875  
Batch 18: loss = 0.49414241313934326, acc = 0.8466796875  
Batch 19: loss = 0.4395678639411926, acc = 0.8662109375  
Batch 20: loss = 0.4904617965221405, acc = 0.8505859375  
Batch 21: loss = 0.5123234987258911, acc = 0.83203125  
Batch 22: loss = 0.5102880001068115, acc = 0.84375  
Batch 23: loss = 0.4520096778869629, acc = 0.85546875  
Batch 24: loss = 0.45464032888412476, acc = 0.857421875  
Batch 25: loss = 0.42734235525131226, acc = 0.8681640625  
Batch 26: loss = 0.40906861424446106, acc = 0.8671875  
Batch 27: loss = 0.38548773527145386, acc = 0.88671875  
Batch 28: loss = 0.4324799180030823, acc = 0.869140625  
Batch 29: loss = 0.45410555601119995, acc = 0.8642578125  
Batch 30: loss = 0.4247026741504669, acc = 0.8671875  
Batch 31: loss = 0.4845362603664398, acc = 0.8583984375  
Batch 32: loss = 0.4123419523239136, acc = 0.87890625  
Batch 33: loss = 0.5045584440231323, acc = 0.8349609375  
Batch 34: loss = 0.5289173126220703, acc = 0.8369140625  
Batch 35: loss = 0.47546088695526123, acc = 0.8583984375  
Batch 36: loss = 0.43431222438812256, acc = 0.8662109375  
Batch 37: loss = 0.4613499641418457, acc = 0.8603515625  
Batch 38: loss = 0.43804657459259033, acc = 0.857421875  
Batch 39: loss = 0.4872494339942932, acc = 0.853515625  
Batch 40: loss = 0.4784523546695709, acc = 0.845703125  
Batch 41: loss = 0.5239760875701904, acc = 0.8349609375

Epoch 62/100

Batch 1: loss = 0.4682774543762207, acc = 0.8623046875  
Batch 2: loss = 0.38839131593704224, acc = 0.880859375  
Batch 3: loss = 0.4137183129787445, acc = 0.8681640625  
Batch 4: loss = 0.39076754450798035, acc = 0.8798828125  
Batch 5: loss = 0.4041561186313629, acc = 0.875  
Batch 6: loss = 0.38007378578186035, acc = 0.884765625  
Batch 7: loss = 0.41052231192588806, acc = 0.8798828125  
Batch 8: loss = 0.4092831015586853, acc = 0.87109375  
Batch 9: loss = 0.449825257062912, acc = 0.857421875  
Batch 10: loss = 0.438631534576416, acc = 0.8671875  
Batch 11: loss = 0.4702185392379761, acc = 0.8544921875  
Batch 12: loss = 0.4710391163825989, acc = 0.849609375  
Batch 13: loss = 0.4354362487792969, acc = 0.865234375  
Batch 14: loss = 0.4033662974834442, acc = 0.876953125  
Batch 15: loss = 0.4145762324333191, acc = 0.8779296875  
Batch 16: loss = 0.4132910370826721, acc = 0.8798828125  
Batch 17: loss = 0.4948381185531616, acc = 0.8427734375  
Batch 18: loss = 0.4704626500606537, acc = 0.8544921875  
Batch 19: loss = 0.4720144271850586, acc = 0.85546875  
Batch 20: loss = 0.48836222290992737, acc = 0.8515625  
Batch 21: loss = 0.4888644218444824, acc = 0.8564453125  
Batch 22: loss = 0.499502956867218, acc = 0.845703125  
Batch 23: loss = 0.502154529094696, acc = 0.84765625  
Batch 24: loss = 0.44256487488746643, acc = 0.8603515625  
Batch 25: loss = 0.41522645950317383, acc = 0.8740234375  
Batch 26: loss = 0.3973390460014343, acc = 0.8671875  
Batch 27: loss = 0.35940980911254883, acc = 0.8916015625  
Batch 28: loss = 0.4184912443161011, acc = 0.8603515625  
Batch 29: loss = 0.44665369391441345, acc = 0.8583984375  
Batch 30: loss = 0.4413240849971771, acc = 0.8623046875  
Batch 31: loss = 0.47234684228897095, acc = 0.8583984375  
Batch 32: loss = 0.35546594858169556, acc = 0.8974609375  
Batch 33: loss = 0.5161444544792175, acc = 0.8359375  
Batch 34: loss = 0.5026764869689941, acc = 0.8544921875  
Batch 35: loss = 0.4649973511695862, acc = 0.8564453125  
Batch 36: loss = 0.4115774631500244, acc = 0.8720703125  
Batch 37: loss = 0.45185357332229614, acc = 0.8662109375  
Batch 38: loss = 0.4019017517566681, acc = 0.8720703125  
Batch 39: loss = 0.49680203199386597, acc = 0.845703125  
Batch 40: loss = 0.4470437169075012, acc = 0.8623046875  
Batch 41: loss = 0.45469602942466736, acc = 0.8583984375

Epoch 63/100

Batch 1: loss = 0.4727326035499573, acc = 0.8662109375  
Batch 2: loss = 0.3844914436340332, acc = 0.880859375  
Batch 3: loss = 0.3682502508163452, acc = 0.8916015625  
Batch 4: loss = 0.40019452571868896, acc = 0.876953125  
Batch 5: loss = 0.39175885915756226, acc = 0.8779296875

Batch 6: loss = 0.4057006537914276, acc = 0.8720703125  
Batch 7: loss = 0.41832616925239563, acc = 0.869140625  
Batch 8: loss = 0.43194451928138733, acc = 0.8681640625  
Batch 9: loss = 0.4271445870399475, acc = 0.86328125  
Batch 10: loss = 0.46068039536476135, acc = 0.8466796875  
Batch 11: loss = 0.46777641773223877, acc = 0.8466796875  
Batch 12: loss = 0.40891051292419434, acc = 0.8662109375  
Batch 13: loss = 0.44055911898612976, acc = 0.86328125  
Batch 14: loss = 0.4097842574119568, acc = 0.8740234375  
Batch 15: loss = 0.41303107142448425, acc = 0.8876953125  
Batch 16: loss = 0.4703233242034912, acc = 0.8515625  
Batch 17: loss = 0.46121934056282043, acc = 0.8583984375  
Batch 18: loss = 0.4817644953727722, acc = 0.85546875  
Batch 19: loss = 0.4746967554092407, acc = 0.845703125  
Batch 20: loss = 0.5000228881835938, acc = 0.8427734375  
Batch 21: loss = 0.48224198818206787, acc = 0.8525390625  
Batch 22: loss = 0.4938615560531616, acc = 0.85546875  
Batch 23: loss = 0.47090208530426025, acc = 0.8623046875  
Batch 24: loss = 0.43614569306373596, acc = 0.875  
Batch 25: loss = 0.4440057873725891, acc = 0.875  
Batch 26: loss = 0.4115545451641083, acc = 0.880859375  
Batch 27: loss = 0.359610915184021, acc = 0.884765625  
Batch 28: loss = 0.3939957022666931, acc = 0.888671875  
Batch 29: loss = 0.44308772683143616, acc = 0.857421875  
Batch 30: loss = 0.4214474558830261, acc = 0.869140625  
Batch 31: loss = 0.41063883900642395, acc = 0.8857421875  
Batch 32: loss = 0.3933773636817932, acc = 0.8828125  
Batch 33: loss = 0.48523199558258057, acc = 0.8544921875  
Batch 34: loss = 0.49335047602653503, acc = 0.8486328125  
Batch 35: loss = 0.4540831446647644, acc = 0.8642578125  
Batch 36: loss = 0.376157283782959, acc = 0.88671875  
Batch 37: loss = 0.4466556906700134, acc = 0.859375  
Batch 38: loss = 0.4617778956890106, acc = 0.861328125  
Batch 39: loss = 0.4487871825695038, acc = 0.8671875  
Batch 40: loss = 0.4901981055736542, acc = 0.8505859375  
Batch 41: loss = 0.45872044563293457, acc = 0.849609375

Epoch 64/100

Batch 1: loss = 0.44976839423179626, acc = 0.876953125  
Batch 2: loss = 0.40001213550567627, acc = 0.869140625  
Batch 3: loss = 0.3887067139148712, acc = 0.8916015625  
Batch 4: loss = 0.36963367462158203, acc = 0.896484375  
Batch 5: loss = 0.3720402419567108, acc = 0.8955078125  
Batch 6: loss = 0.37923362851142883, acc = 0.8798828125  
Batch 7: loss = 0.36859291791915894, acc = 0.896484375  
Batch 8: loss = 0.3953873813152313, acc = 0.8740234375  
Batch 9: loss = 0.43146204948425293, acc = 0.8681640625  
Batch 10: loss = 0.43175530433654785, acc = 0.8642578125

Batch 11: loss = 0.46859151124954224, acc = 0.857421875  
Batch 12: loss = 0.3982856571674347, acc = 0.884765625  
Batch 13: loss = 0.43718773126602173, acc = 0.8681640625  
Batch 14: loss = 0.38421982526779175, acc = 0.8818359375  
Batch 15: loss = 0.4040490388870239, acc = 0.8759765625  
Batch 16: loss = 0.3978954553604126, acc = 0.8818359375  
Batch 17: loss = 0.43112778663635254, acc = 0.8671875  
Batch 18: loss = 0.46727317571640015, acc = 0.8564453125  
Batch 19: loss = 0.4424567222595215, acc = 0.8623046875  
Batch 20: loss = 0.46215611696243286, acc = 0.85546875  
Batch 21: loss = 0.4884369373321533, acc = 0.84765625  
Batch 22: loss = 0.4658028483390808, acc = 0.8466796875  
Batch 23: loss = 0.4256855249404907, acc = 0.875  
Batch 24: loss = 0.4157032370567322, acc = 0.8720703125  
Batch 25: loss = 0.3918754458427429, acc = 0.884765625  
Batch 26: loss = 0.3918730616569519, acc = 0.873046875  
Batch 27: loss = 0.34903839230537415, acc = 0.900390625  
Batch 28: loss = 0.4328746199607849, acc = 0.8740234375  
Batch 29: loss = 0.42387092113494873, acc = 0.86328125  
Batch 30: loss = 0.42986077070236206, acc = 0.8701171875  
Batch 31: loss = 0.4427100718021393, acc = 0.865234375  
Batch 32: loss = 0.397541344165802, acc = 0.8671875  
Batch 33: loss = 0.48093029856681824, acc = 0.8388671875  
Batch 34: loss = 0.5152127146720886, acc = 0.8564453125  
Batch 35: loss = 0.47482576966285706, acc = 0.8447265625  
Batch 36: loss = 0.3719222843647003, acc = 0.88671875  
Batch 37: loss = 0.40945175290107727, acc = 0.8857421875  
Batch 38: loss = 0.4232015311717987, acc = 0.8671875  
Batch 39: loss = 0.41905903816223145, acc = 0.8671875  
Batch 40: loss = 0.43543386459350586, acc = 0.873046875  
Batch 41: loss = 0.44363126158714294, acc = 0.8525390625

Epoch 65/100

Batch 1: loss = 0.41691306233406067, acc = 0.88671875  
Batch 2: loss = 0.41539689898490906, acc = 0.87109375  
Batch 3: loss = 0.3749004006385803, acc = 0.8916015625  
Batch 4: loss = 0.38174736499786377, acc = 0.892578125  
Batch 5: loss = 0.37598568201065063, acc = 0.8818359375  
Batch 6: loss = 0.34658458828926086, acc = 0.8916015625  
Batch 7: loss = 0.379072368144989, acc = 0.880859375  
Batch 8: loss = 0.3876681625843048, acc = 0.875  
Batch 9: loss = 0.41047003865242004, acc = 0.880859375  
Batch 10: loss = 0.4280164837837219, acc = 0.86328125  
Batch 11: loss = 0.4508321285247803, acc = 0.8515625  
Batch 12: loss = 0.44093725085258484, acc = 0.8642578125  
Batch 13: loss = 0.4748367667198181, acc = 0.8583984375  
Batch 14: loss = 0.3829003572463989, acc = 0.8828125  
Batch 15: loss = 0.4071035385131836, acc = 0.87109375

Batch 16: loss = 0.4121043384075165, acc = 0.873046875  
Batch 17: loss = 0.39750874042510986, acc = 0.8818359375  
Batch 18: loss = 0.44687116146087646, acc = 0.85546875  
Batch 19: loss = 0.45042869448661804, acc = 0.861328125  
Batch 20: loss = 0.4970952272415161, acc = 0.8515625  
Batch 21: loss = 0.5230579376220703, acc = 0.8271484375  
Batch 22: loss = 0.4461744427680969, acc = 0.857421875  
Batch 23: loss = 0.451854407787323, acc = 0.8505859375  
Batch 24: loss = 0.39738285541534424, acc = 0.8701171875  
Batch 25: loss = 0.36962127685546875, acc = 0.8935546875  
Batch 26: loss = 0.35884201526641846, acc = 0.8857421875  
Batch 27: loss = 0.35310131311416626, acc = 0.8857421875  
Batch 28: loss = 0.41565942764282227, acc = 0.87890625  
Batch 29: loss = 0.4470823407173157, acc = 0.859375  
Batch 30: loss = 0.42894238233566284, acc = 0.8662109375  
Batch 31: loss = 0.43524694442749023, acc = 0.865234375  
Batch 32: loss = 0.3740805387496948, acc = 0.8818359375  
Batch 33: loss = 0.4446302056312561, acc = 0.85546875  
Batch 34: loss = 0.46704596281051636, acc = 0.859375  
Batch 35: loss = 0.4502142667770386, acc = 0.8583984375  
Batch 36: loss = 0.36192578077316284, acc = 0.884765625  
Batch 37: loss = 0.41494566202163696, acc = 0.8759765625  
Batch 38: loss = 0.41874316334724426, acc = 0.8671875  
Batch 39: loss = 0.418215274810791, acc = 0.8642578125  
Batch 40: loss = 0.4613882303237915, acc = 0.857421875  
Batch 41: loss = 0.4787243604660034, acc = 0.83984375

Epoch 66/100

Batch 1: loss = 0.39806199073791504, acc = 0.890625  
Batch 2: loss = 0.36226922273635864, acc = 0.8896484375  
Batch 3: loss = 0.35800105333328247, acc = 0.89453125  
Batch 4: loss = 0.38165411353111267, acc = 0.8837890625  
Batch 5: loss = 0.324209988117218, acc = 0.908203125  
Batch 6: loss = 0.3689500093460083, acc = 0.8828125  
Batch 7: loss = 0.38542699813842773, acc = 0.8837890625  
Batch 8: loss = 0.3953036665916443, acc = 0.8798828125  
Batch 9: loss = 0.41483497619628906, acc = 0.8603515625  
Batch 10: loss = 0.38727307319641113, acc = 0.888671875  
Batch 11: loss = 0.45119237899780273, acc = 0.8642578125  
Batch 12: loss = 0.41449040174484253, acc = 0.8740234375  
Batch 13: loss = 0.42444586753845215, acc = 0.873046875  
Batch 14: loss = 0.3665059208869934, acc = 0.884765625  
Batch 15: loss = 0.387926310300827, acc = 0.8896484375  
Batch 16: loss = 0.3782880902290344, acc = 0.89453125  
Batch 17: loss = 0.41163575649261475, acc = 0.865234375  
Batch 18: loss = 0.42875391244888306, acc = 0.873046875  
Batch 19: loss = 0.43286848068237305, acc = 0.869140625  
Batch 20: loss = 0.4084203243255615, acc = 0.8798828125

Batch 21: loss = 0.43357762694358826, acc = 0.876953125  
Batch 22: loss = 0.4595038890838623, acc = 0.86328125  
Batch 23: loss = 0.46805328130722046, acc = 0.8583984375  
Batch 24: loss = 0.3922678530216217, acc = 0.875  
Batch 25: loss = 0.36419567465782166, acc = 0.89453125  
Batch 26: loss = 0.3630481958389282, acc = 0.890625  
Batch 27: loss = 0.33255472779273987, acc = 0.9033203125  
Batch 28: loss = 0.35772454738616943, acc = 0.8857421875  
Batch 29: loss = 0.40723228454589844, acc = 0.8798828125  
Batch 30: loss = 0.40988993644714355, acc = 0.8681640625  
Batch 31: loss = 0.41000980138778687, acc = 0.8779296875  
Batch 32: loss = 0.3639960289001465, acc = 0.880859375  
Batch 33: loss = 0.3925955295562744, acc = 0.8798828125  
Batch 34: loss = 0.495930016040802, acc = 0.8408203125  
Batch 35: loss = 0.4719136953353882, acc = 0.84375  
Batch 36: loss = 0.3841383457183838, acc = 0.8759765625  
Batch 37: loss = 0.41827937960624695, acc = 0.87890625  
Batch 38: loss = 0.42152053117752075, acc = 0.8662109375  
Batch 39: loss = 0.4285024404525757, acc = 0.8681640625  
Batch 40: loss = 0.47562143206596375, acc = 0.8486328125  
Batch 41: loss = 0.4175824224948883, acc = 0.873046875

Epoch 67/100

Batch 1: loss = 0.43248802423477173, acc = 0.87890625  
Batch 2: loss = 0.35172227025032043, acc = 0.900390625  
Batch 3: loss = 0.36198049783706665, acc = 0.890625  
Batch 4: loss = 0.3693917989730835, acc = 0.8740234375  
Batch 5: loss = 0.35082173347473145, acc = 0.8896484375  
Batch 6: loss = 0.35744741559028625, acc = 0.876953125  
Batch 7: loss = 0.3523826003074646, acc = 0.904296875  
Batch 8: loss = 0.3669631779193878, acc = 0.892578125  
Batch 9: loss = 0.3714902997016907, acc = 0.88671875  
Batch 10: loss = 0.4194173812866211, acc = 0.8681640625  
Batch 11: loss = 0.4357357323169708, acc = 0.8671875  
Batch 12: loss = 0.39178189635276794, acc = 0.880859375  
Batch 13: loss = 0.41550397872924805, acc = 0.8720703125  
Batch 14: loss = 0.3831583559513092, acc = 0.8896484375  
Batch 15: loss = 0.39897727966308594, acc = 0.8779296875  
Batch 16: loss = 0.39810603857040405, acc = 0.87109375  
Batch 17: loss = 0.42597272992134094, acc = 0.861328125  
Batch 18: loss = 0.4576607644557953, acc = 0.84765625  
Batch 19: loss = 0.42863449454307556, acc = 0.8740234375  
Batch 20: loss = 0.4504571557044983, acc = 0.8623046875  
Batch 21: loss = 0.45215848088264465, acc = 0.86328125  
Batch 22: loss = 0.43837040662765503, acc = 0.85546875  
Batch 23: loss = 0.45695754885673523, acc = 0.857421875  
Batch 24: loss = 0.3891597390174866, acc = 0.8798828125  
Batch 25: loss = 0.40673142671585083, acc = 0.8759765625

Batch 26: loss = 0.36377274990081787, acc = 0.880859375  
Batch 27: loss = 0.33493149280548096, acc = 0.896484375  
Batch 28: loss = 0.3766400218009949, acc = 0.8916015625  
Batch 29: loss = 0.39865589141845703, acc = 0.87109375  
Batch 30: loss = 0.39786580204963684, acc = 0.8818359375  
Batch 31: loss = 0.4191321134567261, acc = 0.87890625  
Batch 32: loss = 0.3771362900733948, acc = 0.888671875  
Batch 33: loss = 0.4321295917034149, acc = 0.869140625  
Batch 34: loss = 0.44614627957344055, acc = 0.8701171875  
Batch 35: loss = 0.37119874358177185, acc = 0.8876953125  
Batch 36: loss = 0.3625558614730835, acc = 0.8916015625  
Batch 37: loss = 0.4166352152824402, acc = 0.8759765625  
Batch 38: loss = 0.38463300466537476, acc = 0.8876953125  
Batch 39: loss = 0.4384789764881134, acc = 0.865234375  
Batch 40: loss = 0.4422711730003357, acc = 0.865234375  
Batch 41: loss = 0.42275622487068176, acc = 0.8623046875

Epoch 68/100

Batch 1: loss = 0.40389856696128845, acc = 0.875  
Batch 2: loss = 0.34884464740753174, acc = 0.8916015625  
Batch 3: loss = 0.33596324920654297, acc = 0.890625  
Batch 4: loss = 0.33343011140823364, acc = 0.89453125  
Batch 5: loss = 0.3113688826560974, acc = 0.91015625  
Batch 6: loss = 0.33175352215766907, acc = 0.8916015625  
Batch 7: loss = 0.380588173866272, acc = 0.875  
Batch 8: loss = 0.37769001722335815, acc = 0.8876953125  
Batch 9: loss = 0.41812288761138916, acc = 0.88671875  
Batch 10: loss = 0.37859562039375305, acc = 0.884765625  
Batch 11: loss = 0.45117005705833435, acc = 0.853515625  
Batch 12: loss = 0.40310630202293396, acc = 0.8681640625  
Batch 13: loss = 0.3770373463630676, acc = 0.884765625  
Batch 14: loss = 0.3736060857772827, acc = 0.888671875  
Batch 15: loss = 0.3754621148109436, acc = 0.8896484375  
Batch 16: loss = 0.3674260675907135, acc = 0.880859375  
Batch 17: loss = 0.3870481252670288, acc = 0.8798828125  
Batch 18: loss = 0.3949079215526581, acc = 0.8798828125  
Batch 19: loss = 0.3877286911010742, acc = 0.888671875  
Batch 20: loss = 0.43545717000961304, acc = 0.8671875  
Batch 21: loss = 0.40409034490585327, acc = 0.873046875  
Batch 22: loss = 0.4252426028251648, acc = 0.8642578125  
Batch 23: loss = 0.3906278610229492, acc = 0.87109375  
Batch 24: loss = 0.39657285809516907, acc = 0.876953125  
Batch 25: loss = 0.37181976437568665, acc = 0.8828125  
Batch 26: loss = 0.3263566792011261, acc = 0.9072265625  
Batch 27: loss = 0.3288714289665222, acc = 0.9013671875  
Batch 28: loss = 0.3592889904975891, acc = 0.888671875  
Batch 29: loss = 0.4100499749183655, acc = 0.8642578125  
Batch 30: loss = 0.3660435676574707, acc = 0.8896484375



Batch 31: loss = 0.42287516593933105, acc = 0.873046875  
Batch 32: loss = 0.35716331005096436, acc = 0.89453125  
Batch 33: loss = 0.43347644805908203, acc = 0.869140625  
Batch 34: loss = 0.4276737570762634, acc = 0.869140625  
Batch 35: loss = 0.3835427761077881, acc = 0.876953125  
Batch 36: loss = 0.34475094079971313, acc = 0.8955078125  
Batch 37: loss = 0.3923206329345703, acc = 0.8798828125  
Batch 38: loss = 0.37369540333747864, acc = 0.8857421875  
Batch 39: loss = 0.4124407172203064, acc = 0.861328125  
Batch 40: loss = 0.4339604079723358, acc = 0.8701171875  
Batch 41: loss = 0.43159690499305725, acc = 0.8740234375

Epoch 69/100

Batch 1: loss = 0.3883258104324341, acc = 0.8857421875  
Batch 2: loss = 0.3171716630458832, acc = 0.9130859375  
Batch 3: loss = 0.3356701135635376, acc = 0.8857421875  
Batch 4: loss = 0.33631718158721924, acc = 0.8994140625  
Batch 5: loss = 0.3317919373512268, acc = 0.900390625  
Batch 6: loss = 0.33013343811035156, acc = 0.9130859375  
Batch 7: loss = 0.3722759485244751, acc = 0.87890625  
Batch 8: loss = 0.3676987290382385, acc = 0.8876953125  
Batch 9: loss = 0.3820018172264099, acc = 0.869140625  
Batch 10: loss = 0.37621191143989563, acc = 0.888671875  
Batch 11: loss = 0.41691771149635315, acc = 0.880859375  
Batch 12: loss = 0.37739425897598267, acc = 0.87890625  
Batch 13: loss = 0.38112449645996094, acc = 0.8779296875  
Batch 14: loss = 0.36962890625, acc = 0.884765625  
Batch 15: loss = 0.3363158106803894, acc = 0.8935546875  
Batch 16: loss = 0.3705793023109436, acc = 0.8916015625  
Batch 17: loss = 0.3685905635356903, acc = 0.89453125  
Batch 18: loss = 0.44938480854034424, acc = 0.853515625  
Batch 19: loss = 0.3792824447154999, acc = 0.884765625  
Batch 20: loss = 0.44200825691223145, acc = 0.859375  
Batch 21: loss = 0.47025683522224426, acc = 0.8583984375  
Batch 22: loss = 0.41741496324539185, acc = 0.8720703125  
Batch 23: loss = 0.43571680784225464, acc = 0.8662109375  
Batch 24: loss = 0.3796839714050293, acc = 0.8818359375  
Batch 25: loss = 0.34751462936401367, acc = 0.8974609375  
Batch 26: loss = 0.3523257374763489, acc = 0.8916015625  
Batch 27: loss = 0.28265446424484253, acc = 0.904296875  
Batch 28: loss = 0.32395055890083313, acc = 0.90234375  
Batch 29: loss = 0.3856988549232483, acc = 0.8828125  
Batch 30: loss = 0.3534359931945801, acc = 0.8955078125  
Batch 31: loss = 0.35699498653411865, acc = 0.8896484375  
Batch 32: loss = 0.3485509157180786, acc = 0.890625  
Batch 33: loss = 0.42427143454551697, acc = 0.8603515625  
Batch 34: loss = 0.42442768812179565, acc = 0.86328125  
Batch 35: loss = 0.35391712188720703, acc = 0.8994140625

Batch 36: loss = 0.36695289611816406, acc = 0.8740234375  
Batch 37: loss = 0.3645670413970947, acc = 0.8955078125  
Batch 38: loss = 0.3832314610481262, acc = 0.876953125  
Batch 39: loss = 0.3969740867614746, acc = 0.8701171875  
Batch 40: loss = 0.41202664375305176, acc = 0.86328125  
Batch 41: loss = 0.41771697998046875, acc = 0.8701171875

Epoch 70/100

Batch 1: loss = 0.42273980379104614, acc = 0.875  
Batch 2: loss = 0.3435373306274414, acc = 0.890625  
Batch 3: loss = 0.3601705729961395, acc = 0.890625  
Batch 4: loss = 0.34816697239875793, acc = 0.896484375  
Batch 5: loss = 0.3164149224758148, acc = 0.9072265625  
Batch 6: loss = 0.32218441367149353, acc = 0.892578125  
Batch 7: loss = 0.33661502599716187, acc = 0.8955078125  
Batch 8: loss = 0.3617861270904541, acc = 0.892578125  
Batch 9: loss = 0.35920006036758423, acc = 0.88671875  
Batch 10: loss = 0.36793094873428345, acc = 0.88671875  
Batch 11: loss = 0.39638757705688477, acc = 0.8701171875  
Batch 12: loss = 0.4060734510421753, acc = 0.8798828125  
Batch 13: loss = 0.37301889061927795, acc = 0.884765625  
Batch 14: loss = 0.32091325521469116, acc = 0.8994140625  
Batch 15: loss = 0.3465144634246826, acc = 0.9033203125  
Batch 16: loss = 0.3489704728126526, acc = 0.9052734375  
Batch 17: loss = 0.3466190695762634, acc = 0.890625  
Batch 18: loss = 0.4139386713504791, acc = 0.8701171875  
Batch 19: loss = 0.42901691794395447, acc = 0.8681640625  
Batch 20: loss = 0.4473474323749542, acc = 0.86328125  
Batch 21: loss = 0.45024776458740234, acc = 0.8583984375  
Batch 22: loss = 0.418867826461792, acc = 0.859375  
Batch 23: loss = 0.4000447392463684, acc = 0.87109375  
Batch 24: loss = 0.3621760308742523, acc = 0.8896484375  
Batch 25: loss = 0.34396302700042725, acc = 0.8896484375  
Batch 26: loss = 0.3329036831855774, acc = 0.896484375  
Batch 27: loss = 0.3208233714103699, acc = 0.900390625  
Batch 28: loss = 0.35758501291275024, acc = 0.8876953125  
Batch 29: loss = 0.3956491947174072, acc = 0.87890625  
Batch 30: loss = 0.3573155999183655, acc = 0.884765625  
Batch 31: loss = 0.3715023994445801, acc = 0.8896484375  
Batch 32: loss = 0.3299238085746765, acc = 0.900390625  
Batch 33: loss = 0.40170976519584656, acc = 0.8759765625  
Batch 34: loss = 0.43205583095550537, acc = 0.875  
Batch 35: loss = 0.3680756688117981, acc = 0.892578125  
Batch 36: loss = 0.3144643008708954, acc = 0.9033203125  
Batch 37: loss = 0.40025395154953003, acc = 0.876953125  
Batch 38: loss = 0.3585151731967926, acc = 0.8759765625  
Batch 39: loss = 0.4045049846172333, acc = 0.8798828125  
Batch 40: loss = 0.37979838252067566, acc = 0.8916015625

Batch 41: loss = 0.37652868032455444, acc = 0.88671875  
Saved checkpoint to weights\_eminem\_input.txt.70.h5

Epoch 71/100

Batch 1: loss = 0.3569355010986328, acc = 0.8994140625  
Batch 2: loss = 0.33690762519836426, acc = 0.89453125  
Batch 3: loss = 0.33760401606559753, acc = 0.890625  
Batch 4: loss = 0.3480778932571411, acc = 0.8994140625  
Batch 5: loss = 0.32195979356765747, acc = 0.9111328125  
Batch 6: loss = 0.3383038640022278, acc = 0.896484375  
Batch 7: loss = 0.306535542011261, acc = 0.90625  
Batch 8: loss = 0.3558882474899292, acc = 0.8935546875  
Batch 9: loss = 0.3648985028266907, acc = 0.900390625  
Batch 10: loss = 0.3688662648200989, acc = 0.880859375  
Batch 11: loss = 0.4034944772720337, acc = 0.8720703125  
Batch 12: loss = 0.3544214367866516, acc = 0.892578125  
Batch 13: loss = 0.3820250630378723, acc = 0.87890625  
Batch 14: loss = 0.3883867561817169, acc = 0.87890625  
Batch 15: loss = 0.3526657819747925, acc = 0.8916015625  
Batch 16: loss = 0.3536967635154724, acc = 0.892578125  
Batch 17: loss = 0.34300968050956726, acc = 0.8837890625  
Batch 18: loss = 0.38456541299819946, acc = 0.88671875  
Batch 19: loss = 0.3878861665725708, acc = 0.8857421875  
Batch 20: loss = 0.39688438177108765, acc = 0.88671875  
Batch 21: loss = 0.4056854546070099, acc = 0.869140625  
Batch 22: loss = 0.3898196816444397, acc = 0.87109375  
Batch 23: loss = 0.3816281259059906, acc = 0.8837890625  
Batch 24: loss = 0.3798995018005371, acc = 0.873046875  
Batch 25: loss = 0.3383767604827881, acc = 0.8916015625  
Batch 26: loss = 0.34243422746658325, acc = 0.8916015625  
Batch 27: loss = 0.2910645008087158, acc = 0.9091796875  
Batch 28: loss = 0.3197634220123291, acc = 0.91015625  
Batch 29: loss = 0.3406677842140198, acc = 0.8955078125  
Batch 30: loss = 0.3570409417152405, acc = 0.8916015625  
Batch 31: loss = 0.3828204870223999, acc = 0.888671875  
Batch 32: loss = 0.3409201502799988, acc = 0.8876953125  
Batch 33: loss = 0.39097878336906433, acc = 0.8935546875  
Batch 34: loss = 0.4079316258430481, acc = 0.8837890625  
Batch 35: loss = 0.4018358886241913, acc = 0.8857421875  
Batch 36: loss = 0.3184264302253723, acc = 0.8916015625  
Batch 37: loss = 0.35996246337890625, acc = 0.87890625  
Batch 38: loss = 0.3291284441947937, acc = 0.8974609375  
Batch 39: loss = 0.4028632342815399, acc = 0.876953125  
Batch 40: loss = 0.39657139778137207, acc = 0.875  
Batch 41: loss = 0.3795344829559326, acc = 0.873046875

Epoch 72/100

Batch 1: loss = 0.3755309581756592, acc = 0.8896484375

Batch 2: loss = 0.28468388319015503, acc = 0.9130859375  
Batch 3: loss = 0.3279954791069031, acc = 0.904296875  
Batch 4: loss = 0.33019495010375977, acc = 0.8994140625  
Batch 5: loss = 0.3012588918209076, acc = 0.9033203125  
Batch 6: loss = 0.31432634592056274, acc = 0.8984375  
Batch 7: loss = 0.33097440004348755, acc = 0.89453125  
Batch 8: loss = 0.34154894948005676, acc = 0.892578125  
Batch 9: loss = 0.3802717924118042, acc = 0.890625  
Batch 10: loss = 0.378068745136261, acc = 0.880859375  
Batch 11: loss = 0.38857555389404297, acc = 0.884765625  
Batch 12: loss = 0.3785395622253418, acc = 0.8759765625  
Batch 13: loss = 0.3888799846172333, acc = 0.888671875  
Batch 14: loss = 0.3372703194618225, acc = 0.8955078125  
Batch 15: loss = 0.34304946660995483, acc = 0.8984375  
Batch 16: loss = 0.3570517599582672, acc = 0.896484375  
Batch 17: loss = 0.35501861572265625, acc = 0.8955078125  
Batch 18: loss = 0.3803711235523224, acc = 0.8779296875  
Batch 19: loss = 0.38926100730895996, acc = 0.8818359375  
Batch 20: loss = 0.3664886951446533, acc = 0.896484375  
Batch 21: loss = 0.35036003589630127, acc = 0.8916015625  
Batch 22: loss = 0.38762781023979187, acc = 0.8896484375  
Batch 23: loss = 0.377410888671875, acc = 0.8720703125  
Batch 24: loss = 0.32956719398498535, acc = 0.892578125  
Batch 25: loss = 0.3269909918308258, acc = 0.9033203125  
Batch 26: loss = 0.31611889600753784, acc = 0.9033203125  
Batch 27: loss = 0.27135616540908813, acc = 0.921875  
Batch 28: loss = 0.35156115889549255, acc = 0.9013671875  
Batch 29: loss = 0.3734859824180603, acc = 0.8779296875  
Batch 30: loss = 0.3496156334877014, acc = 0.8935546875  
Batch 31: loss = 0.33051273226737976, acc = 0.908203125  
Batch 32: loss = 0.29350411891937256, acc = 0.9208984375  
Batch 33: loss = 0.3868088722229004, acc = 0.8798828125  
Batch 34: loss = 0.4207211136817932, acc = 0.8818359375  
Batch 35: loss = 0.3698411285877228, acc = 0.88671875  
Batch 36: loss = 0.2981393039226532, acc = 0.9189453125  
Batch 37: loss = 0.36142653226852417, acc = 0.890625  
Batch 38: loss = 0.327974796295166, acc = 0.896484375  
Batch 39: loss = 0.4164647161960602, acc = 0.8544921875  
Batch 40: loss = 0.3754204511642456, acc = 0.892578125  
Batch 41: loss = 0.39049461483955383, acc = 0.8720703125

Epoch 73/100

Batch 1: loss = 0.36820486187934875, acc = 0.8935546875  
Batch 2: loss = 0.30515265464782715, acc = 0.912109375  
Batch 3: loss = 0.31419837474823, acc = 0.904296875  
Batch 4: loss = 0.3144836127758026, acc = 0.90625  
Batch 5: loss = 0.3096150755882263, acc = 0.9140625  
Batch 6: loss = 0.33424708247184753, acc = 0.8896484375

Batch 7: loss = 0.32254502177238464, acc = 0.9033203125  
Batch 8: loss = 0.3009108603000641, acc = 0.9111328125  
Batch 9: loss = 0.3414838910102844, acc = 0.9013671875  
Batch 10: loss = 0.36038297414779663, acc = 0.888671875  
Batch 11: loss = 0.4081961512565613, acc = 0.8701171875  
Batch 12: loss = 0.3606857359409332, acc = 0.892578125  
Batch 13: loss = 0.3829757571220398, acc = 0.87890625  
Batch 14: loss = 0.3504980802536011, acc = 0.892578125  
Batch 15: loss = 0.3184381127357483, acc = 0.9111328125  
Batch 16: loss = 0.3340776562690735, acc = 0.8935546875  
Batch 17: loss = 0.33718544244766235, acc = 0.9033203125  
Batch 18: loss = 0.3321799337863922, acc = 0.9072265625  
Batch 19: loss = 0.38597095012664795, acc = 0.8798828125  
Batch 20: loss = 0.3636796176433563, acc = 0.8876953125  
Batch 21: loss = 0.40537869930267334, acc = 0.865234375  
Batch 22: loss = 0.40428584814071655, acc = 0.8662109375  
Batch 23: loss = 0.38996729254722595, acc = 0.87109375  
Batch 24: loss = 0.33181852102279663, acc = 0.900390625  
Batch 25: loss = 0.32340872287750244, acc = 0.904296875  
Batch 26: loss = 0.30145299434661865, acc = 0.9091796875  
Batch 27: loss = 0.2720752954483032, acc = 0.9228515625  
Batch 28: loss = 0.3293772339820862, acc = 0.904296875  
Batch 29: loss = 0.3057332932949066, acc = 0.9052734375  
Batch 30: loss = 0.3284528851509094, acc = 0.89453125  
Batch 31: loss = 0.36200377345085144, acc = 0.8984375  
Batch 32: loss = 0.3186553418636322, acc = 0.9091796875  
Batch 33: loss = 0.35209083557128906, acc = 0.8876953125  
Batch 34: loss = 0.416954904794693, acc = 0.8642578125  
Batch 35: loss = 0.34662848711013794, acc = 0.8974609375  
Batch 36: loss = 0.2873218059539795, acc = 0.9052734375  
Batch 37: loss = 0.3527100682258606, acc = 0.880859375  
Batch 38: loss = 0.3300132155418396, acc = 0.904296875  
Batch 39: loss = 0.3409627676010132, acc = 0.8916015625  
Batch 40: loss = 0.3425486087799072, acc = 0.8955078125  
Batch 41: loss = 0.37314268946647644, acc = 0.87890625

Epoch 74/100

Batch 1: loss = 0.3377912640571594, acc = 0.9091796875  
Batch 2: loss = 0.32359254360198975, acc = 0.8984375  
Batch 3: loss = 0.3253997564315796, acc = 0.91015625  
Batch 4: loss = 0.3066103160381317, acc = 0.9052734375  
Batch 5: loss = 0.2704553008079529, acc = 0.9150390625  
Batch 6: loss = 0.3013511300086975, acc = 0.9033203125  
Batch 7: loss = 0.24845337867736816, acc = 0.9267578125  
Batch 8: loss = 0.305919885635376, acc = 0.912109375  
Batch 9: loss = 0.3713529109954834, acc = 0.8935546875  
Batch 10: loss = 0.3501468896865845, acc = 0.8974609375  
Batch 11: loss = 0.4037039279937744, acc = 0.8681640625

Batch 12: loss = 0.36280888319015503, acc = 0.8857421875  
Batch 13: loss = 0.337104856967926, acc = 0.900390625  
Batch 14: loss = 0.3418624699115753, acc = 0.892578125  
Batch 15: loss = 0.3198884129524231, acc = 0.91015625  
Batch 16: loss = 0.3083820939064026, acc = 0.9130859375  
Batch 17: loss = 0.33249589800834656, acc = 0.8974609375  
Batch 18: loss = 0.32443785667419434, acc = 0.90625  
Batch 19: loss = 0.3662334680557251, acc = 0.8876953125  
Batch 20: loss = 0.3666028678417206, acc = 0.8876953125  
Batch 21: loss = 0.4027196168899536, acc = 0.8798828125  
Batch 22: loss = 0.36975976824760437, acc = 0.884765625  
Batch 23: loss = 0.31229400634765625, acc = 0.8984375  
Batch 24: loss = 0.3136019706726074, acc = 0.8955078125  
Batch 25: loss = 0.3297499418258667, acc = 0.90234375  
Batch 26: loss = 0.30853956937789917, acc = 0.904296875  
Batch 27: loss = 0.2621985673904419, acc = 0.9208984375  
Batch 28: loss = 0.333591103553772, acc = 0.8984375  
Batch 29: loss = 0.3413134515285492, acc = 0.8974609375  
Batch 30: loss = 0.333249568939209, acc = 0.8994140625  
Batch 31: loss = 0.33775848150253296, acc = 0.90625  
Batch 32: loss = 0.3063616156578064, acc = 0.9091796875  
Batch 33: loss = 0.35942980647087097, acc = 0.880859375  
Batch 34: loss = 0.38125327229499817, acc = 0.880859375  
Batch 35: loss = 0.3405829071998596, acc = 0.9052734375  
Batch 36: loss = 0.29251188039779663, acc = 0.9033203125  
Batch 37: loss = 0.3244989812374115, acc = 0.9052734375  
Batch 38: loss = 0.3029611110687256, acc = 0.9150390625  
Batch 39: loss = 0.3057001233100891, acc = 0.90625  
Batch 40: loss = 0.3721798360347748, acc = 0.88671875  
Batch 41: loss = 0.3794093728065491, acc = 0.8857421875

Epoch 75/100

Batch 1: loss = 0.3351723551750183, acc = 0.91015625  
Batch 2: loss = 0.28693363070487976, acc = 0.9208984375  
Batch 3: loss = 0.31049293279647827, acc = 0.921875  
Batch 4: loss = 0.2947179079055786, acc = 0.9140625  
Batch 5: loss = 0.28013700246810913, acc = 0.919921875  
Batch 6: loss = 0.26225462555885315, acc = 0.9296875  
Batch 7: loss = 0.2825177311897278, acc = 0.923828125  
Batch 8: loss = 0.29564112424850464, acc = 0.9169921875  
Batch 9: loss = 0.34772127866744995, acc = 0.8896484375  
Batch 10: loss = 0.35108208656311035, acc = 0.896484375  
Batch 11: loss = 0.36174869537353516, acc = 0.892578125  
Batch 12: loss = 0.35345789790153503, acc = 0.8857421875  
Batch 13: loss = 0.3311690092086792, acc = 0.888671875  
Batch 14: loss = 0.3311549127101898, acc = 0.904296875  
Batch 15: loss = 0.326524019241333, acc = 0.904296875  
Batch 16: loss = 0.31853049993515015, acc = 0.9052734375

Batch 17: loss = 0.31575217843055725, acc = 0.904296875  
Batch 18: loss = 0.34158772230148315, acc = 0.888671875  
Batch 19: loss = 0.34842658042907715, acc = 0.884765625  
Batch 20: loss = 0.3356817066669464, acc = 0.9052734375  
Batch 21: loss = 0.37547269463539124, acc = 0.892578125  
Batch 22: loss = 0.3096035122871399, acc = 0.9072265625  
Batch 23: loss = 0.36659279465675354, acc = 0.8935546875  
Batch 24: loss = 0.2907053530216217, acc = 0.9140625  
Batch 25: loss = 0.31228363513946533, acc = 0.9013671875  
Batch 26: loss = 0.2864407002925873, acc = 0.9150390625  
Batch 27: loss = 0.25676998496055603, acc = 0.921875  
Batch 28: loss = 0.3030368387699127, acc = 0.9111328125  
Batch 29: loss = 0.3389264643192291, acc = 0.888671875  
Batch 30: loss = 0.3222624659538269, acc = 0.908203125  
Batch 31: loss = 0.36958998441696167, acc = 0.8828125  
Batch 32: loss = 0.2964484393596649, acc = 0.9052734375  
Batch 33: loss = 0.35040414333343506, acc = 0.892578125  
Batch 34: loss = 0.38205409049987793, acc = 0.8798828125  
Batch 35: loss = 0.354126513004303, acc = 0.8896484375  
Batch 36: loss = 0.31229281425476074, acc = 0.8984375  
Batch 37: loss = 0.3182472288608551, acc = 0.9052734375  
Batch 38: loss = 0.31657674908638, acc = 0.904296875  
Batch 39: loss = 0.33351847529411316, acc = 0.8896484375  
Batch 40: loss = 0.35023248195648193, acc = 0.8935546875  
Batch 41: loss = 0.37720224261283875, acc = 0.8759765625

Epoch 76/100

Batch 1: loss = 0.33901160955429077, acc = 0.896484375  
Batch 2: loss = 0.3102889657020569, acc = 0.90625  
Batch 3: loss = 0.2792888283729553, acc = 0.92578125  
Batch 4: loss = 0.2921609878540039, acc = 0.9189453125  
Batch 5: loss = 0.28079500794410706, acc = 0.919921875  
Batch 6: loss = 0.2968101501464844, acc = 0.9267578125  
Batch 7: loss = 0.29235708713531494, acc = 0.912109375  
Batch 8: loss = 0.29702630639076233, acc = 0.9228515625  
Batch 9: loss = 0.3343901038169861, acc = 0.892578125  
Batch 10: loss = 0.31339794397354126, acc = 0.912109375  
Batch 11: loss = 0.37828585505485535, acc = 0.87109375  
Batch 12: loss = 0.37160569429397583, acc = 0.8837890625  
Batch 13: loss = 0.32306838035583496, acc = 0.8955078125  
Batch 14: loss = 0.31079065799713135, acc = 0.90625  
Batch 15: loss = 0.2986694574356079, acc = 0.90234375  
Batch 16: loss = 0.27471280097961426, acc = 0.916015625  
Batch 17: loss = 0.2715720534324646, acc = 0.9072265625  
Batch 18: loss = 0.3495434820652008, acc = 0.890625  
Batch 19: loss = 0.3041638731956482, acc = 0.9033203125  
Batch 20: loss = 0.3676195442676544, acc = 0.8857421875  
Batch 21: loss = 0.37276196479797363, acc = 0.8837890625

Batch 22: loss = 0.3453197777271271, acc = 0.884765625  
Batch 23: loss = 0.3545605540275574, acc = 0.884765625  
Batch 24: loss = 0.3216787874698639, acc = 0.9111328125  
Batch 25: loss = 0.2931618094444275, acc = 0.9130859375  
Batch 26: loss = 0.33404266834259033, acc = 0.89453125  
Batch 27: loss = 0.24721775949001312, acc = 0.9208984375  
Batch 28: loss = 0.2928556799888611, acc = 0.91015625  
Batch 29: loss = 0.2921730577945709, acc = 0.908203125  
Batch 30: loss = 0.3105103373527527, acc = 0.9091796875  
Batch 31: loss = 0.3434683084487915, acc = 0.9072265625  
Batch 32: loss = 0.31644976139068604, acc = 0.908203125  
Batch 33: loss = 0.3444451689720154, acc = 0.8935546875  
Batch 34: loss = 0.3678889572620392, acc = 0.8916015625  
Batch 35: loss = 0.34222325682640076, acc = 0.88671875  
Batch 36: loss = 0.26313626766204834, acc = 0.9150390625  
Batch 37: loss = 0.3486487865447998, acc = 0.8857421875  
Batch 38: loss = 0.3201600909233093, acc = 0.8984375  
Batch 39: loss = 0.3238651156425476, acc = 0.9052734375  
Batch 40: loss = 0.3901641368865967, acc = 0.8837890625  
Batch 41: loss = 0.3397383689880371, acc = 0.8974609375

Epoch 77/100

Batch 1: loss = 0.3485316038131714, acc = 0.89453125  
Batch 2: loss = 0.27388662099838257, acc = 0.9189453125  
Batch 3: loss = 0.26633530855178833, acc = 0.919921875  
Batch 4: loss = 0.29006463289260864, acc = 0.912109375  
Batch 5: loss = 0.3155131936073303, acc = 0.908203125  
Batch 6: loss = 0.24383190274238586, acc = 0.9267578125  
Batch 7: loss = 0.28318560123443604, acc = 0.9072265625  
Batch 8: loss = 0.28978395462036133, acc = 0.9033203125  
Batch 9: loss = 0.3090727925300598, acc = 0.9111328125  
Batch 10: loss = 0.3042528033256531, acc = 0.8994140625  
Batch 11: loss = 0.371843159198761, acc = 0.8916015625  
Batch 12: loss = 0.31837916374206543, acc = 0.9052734375  
Batch 13: loss = 0.32859453558921814, acc = 0.8916015625  
Batch 14: loss = 0.3031656742095947, acc = 0.912109375  
Batch 15: loss = 0.285522225189209, acc = 0.9130859375  
Batch 16: loss = 0.33241885900497437, acc = 0.900390625  
Batch 17: loss = 0.2967257499694824, acc = 0.904296875  
Batch 18: loss = 0.3198208212852478, acc = 0.8974609375  
Batch 19: loss = 0.28902262449264526, acc = 0.9150390625  
Batch 20: loss = 0.353463351726532, acc = 0.896484375  
Batch 21: loss = 0.33579182624816895, acc = 0.89453125  
Batch 22: loss = 0.31509727239608765, acc = 0.9091796875  
Batch 23: loss = 0.3446497619152069, acc = 0.89453125  
Batch 24: loss = 0.3229500353336334, acc = 0.88671875  
Batch 25: loss = 0.2921043634414673, acc = 0.90234375  
Batch 26: loss = 0.3049834668636322, acc = 0.9013671875



Batch 27: loss = 0.2340255081653595, acc = 0.9169921875  
Batch 28: loss = 0.3010910749435425, acc = 0.912109375  
Batch 29: loss = 0.29920926690101624, acc = 0.900390625  
Batch 30: loss = 0.2836243510246277, acc = 0.9130859375  
Batch 31: loss = 0.32523298263549805, acc = 0.904296875  
Batch 32: loss = 0.2914178967475891, acc = 0.91796875  
Batch 33: loss = 0.34187552332878113, acc = 0.904296875  
Batch 34: loss = 0.34297746419906616, acc = 0.8994140625  
Batch 35: loss = 0.3401339054107666, acc = 0.8935546875  
Batch 36: loss = 0.27625447511672974, acc = 0.9150390625  
Batch 37: loss = 0.3205205798149109, acc = 0.900390625  
Batch 38: loss = 0.30766093730926514, acc = 0.9150390625  
Batch 39: loss = 0.30426597595214844, acc = 0.8994140625  
Batch 40: loss = 0.3423500061035156, acc = 0.8916015625  
Batch 41: loss = 0.321322500705719, acc = 0.90234375

Epoch 78/100

Batch 1: loss = 0.28454285860061646, acc = 0.916015625  
Batch 2: loss = 0.27168020606040955, acc = 0.9169921875  
Batch 3: loss = 0.2694751024246216, acc = 0.9287109375  
Batch 4: loss = 0.2739329934120178, acc = 0.9130859375  
Batch 5: loss = 0.26945745944976807, acc = 0.9140625  
Batch 6: loss = 0.27504873275756836, acc = 0.91796875  
Batch 7: loss = 0.29546356201171875, acc = 0.9130859375  
Batch 8: loss = 0.28804588317871094, acc = 0.91796875  
Batch 9: loss = 0.3215397596359253, acc = 0.90625  
Batch 10: loss = 0.321492075920105, acc = 0.8994140625  
Batch 11: loss = 0.3476914167404175, acc = 0.8955078125  
Batch 12: loss = 0.31298667192459106, acc = 0.896484375  
Batch 13: loss = 0.30305466055870056, acc = 0.8994140625  
Batch 14: loss = 0.2849389910697937, acc = 0.921875  
Batch 15: loss = 0.3112892508506775, acc = 0.90625  
Batch 16: loss = 0.3014923632144928, acc = 0.908203125  
Batch 17: loss = 0.3482073247432709, acc = 0.875  
Batch 18: loss = 0.3305802643299103, acc = 0.9072265625  
Batch 19: loss = 0.33532246947288513, acc = 0.8955078125  
Batch 20: loss = 0.3776339292526245, acc = 0.884765625  
Batch 21: loss = 0.3824923634529114, acc = 0.888671875  
Batch 22: loss = 0.3260776996612549, acc = 0.9072265625  
Batch 23: loss = 0.33739417791366577, acc = 0.904296875  
Batch 24: loss = 0.33021020889282227, acc = 0.892578125  
Batch 25: loss = 0.28965044021606445, acc = 0.9111328125  
Batch 26: loss = 0.2790837287902832, acc = 0.9228515625  
Batch 27: loss = 0.22050347924232483, acc = 0.931640625  
Batch 28: loss = 0.29129064083099365, acc = 0.92578125  
Batch 29: loss = 0.2957179546356201, acc = 0.90625  
Batch 30: loss = 0.3140449821949005, acc = 0.9052734375  
Batch 31: loss = 0.294975221157074, acc = 0.92578125

Batch 32: loss = 0.28719496726989746, acc = 0.9130859375  
Batch 33: loss = 0.2911376357078552, acc = 0.9150390625  
Batch 34: loss = 0.3496669828891754, acc = 0.892578125  
Batch 35: loss = 0.3435157537460327, acc = 0.896484375  
Batch 36: loss = 0.2579731047153473, acc = 0.9296875  
Batch 37: loss = 0.2991439402103424, acc = 0.9052734375  
Batch 38: loss = 0.276754766702652, acc = 0.9091796875  
Batch 39: loss = 0.3167402148246765, acc = 0.8974609375  
Batch 40: loss = 0.33791202306747437, acc = 0.8916015625  
Batch 41: loss = 0.3219207525253296, acc = 0.89453125

Epoch 79/100

Batch 1: loss = 0.31374743580818176, acc = 0.9150390625  
Batch 2: loss = 0.30750027298927307, acc = 0.91015625  
Batch 3: loss = 0.27477341890335083, acc = 0.9111328125  
Batch 4: loss = 0.2875823974609375, acc = 0.900390625  
Batch 5: loss = 0.2514537572860718, acc = 0.9306640625  
Batch 6: loss = 0.27220815420150757, acc = 0.9189453125  
Batch 7: loss = 0.3027416467666626, acc = 0.9072265625  
Batch 8: loss = 0.25357675552368164, acc = 0.9169921875  
Batch 9: loss = 0.2817123830318451, acc = 0.9228515625  
Batch 10: loss = 0.3012523055076599, acc = 0.9091796875  
Batch 11: loss = 0.3257761597633362, acc = 0.89453125  
Batch 12: loss = 0.3105635941028595, acc = 0.904296875  
Batch 13: loss = 0.3504541516304016, acc = 0.896484375  
Batch 14: loss = 0.30386239290237427, acc = 0.8994140625  
Batch 15: loss = 0.28658542037010193, acc = 0.9228515625  
Batch 16: loss = 0.2870328426361084, acc = 0.9228515625  
Batch 17: loss = 0.284514844417572, acc = 0.91015625  
Batch 18: loss = 0.31411102414131165, acc = 0.9033203125  
Batch 19: loss = 0.34221386909484863, acc = 0.8994140625  
Batch 20: loss = 0.3525329828262329, acc = 0.89453125  
Batch 21: loss = 0.376993864774704, acc = 0.888671875  
Batch 22: loss = 0.31848663091659546, acc = 0.896484375  
Batch 23: loss = 0.31235724687576294, acc = 0.8984375  
Batch 24: loss = 0.28123655915260315, acc = 0.90234375  
Batch 25: loss = 0.3050270974636078, acc = 0.8994140625  
Batch 26: loss = 0.27060800790786743, acc = 0.9208984375  
Batch 27: loss = 0.24726879596710205, acc = 0.9267578125  
Batch 28: loss = 0.28491824865341187, acc = 0.9130859375  
Batch 29: loss = 0.2930253744125366, acc = 0.900390625  
Batch 30: loss = 0.31197166442871094, acc = 0.9091796875  
Batch 31: loss = 0.3203965127468109, acc = 0.9111328125  
Batch 32: loss = 0.29518216848373413, acc = 0.9111328125  
Batch 33: loss = 0.3650727868080139, acc = 0.8876953125  
Batch 34: loss = 0.35322797298431396, acc = 0.9033203125  
Batch 35: loss = 0.30147087574005127, acc = 0.9072265625  
Batch 36: loss = 0.2382756918668747, acc = 0.9248046875

Batch 37: loss = 0.28713998198509216, acc = 0.912109375  
Batch 38: loss = 0.2816768288612366, acc = 0.9189453125  
Batch 39: loss = 0.3086642622947693, acc = 0.9111328125  
Batch 40: loss = 0.3234947919845581, acc = 0.908203125  
Batch 41: loss = 0.3030962347984314, acc = 0.9072265625

Epoch 80/100

Batch 1: loss = 0.3028804659843445, acc = 0.9150390625  
Batch 2: loss = 0.28096193075180054, acc = 0.9228515625  
Batch 3: loss = 0.24181969463825226, acc = 0.939453125  
Batch 4: loss = 0.23784779012203217, acc = 0.931640625  
Batch 5: loss = 0.28490933775901794, acc = 0.9052734375  
Batch 6: loss = 0.2817133665084839, acc = 0.91015625  
Batch 7: loss = 0.2504972815513611, acc = 0.9248046875  
Batch 8: loss = 0.26655974984169006, acc = 0.9150390625  
Batch 9: loss = 0.28649574518203735, acc = 0.9130859375  
Batch 10: loss = 0.30218711495399475, acc = 0.90625  
Batch 11: loss = 0.30086928606033325, acc = 0.9111328125  
Batch 12: loss = 0.3184214234352112, acc = 0.904296875  
Batch 13: loss = 0.28041401505470276, acc = 0.919921875  
Batch 14: loss = 0.2898048162460327, acc = 0.908203125  
Batch 15: loss = 0.2676280736923218, acc = 0.9208984375  
Batch 16: loss = 0.25675612688064575, acc = 0.919921875  
Batch 17: loss = 0.3043312728404999, acc = 0.9052734375  
Batch 18: loss = 0.3009740114212036, acc = 0.9072265625  
Batch 19: loss = 0.3144717514514923, acc = 0.90625  
Batch 20: loss = 0.32299697399139404, acc = 0.8984375  
Batch 21: loss = 0.3243386745452881, acc = 0.89453125  
Batch 22: loss = 0.30339810252189636, acc = 0.90234375  
Batch 23: loss = 0.33950692415237427, acc = 0.890625  
Batch 24: loss = 0.28138309717178345, acc = 0.919921875  
Batch 25: loss = 0.27294179797172546, acc = 0.908203125  
Batch 26: loss = 0.2664572596549988, acc = 0.921875  
Batch 27: loss = 0.2576049566268921, acc = 0.9169921875  
Batch 28: loss = 0.2754896283149719, acc = 0.919921875  
Batch 29: loss = 0.25955381989479065, acc = 0.9140625  
Batch 30: loss = 0.2981601655483246, acc = 0.916015625  
Batch 31: loss = 0.34090790152549744, acc = 0.8955078125  
Batch 32: loss = 0.2957470715045929, acc = 0.91015625  
Batch 33: loss = 0.3820837736129761, acc = 0.8857421875  
Batch 34: loss = 0.3698039650917053, acc = 0.8876953125  
Batch 35: loss = 0.3542673587799072, acc = 0.892578125  
Batch 36: loss = 0.2502950429916382, acc = 0.9248046875  
Batch 37: loss = 0.3045506179332733, acc = 0.90234375  
Batch 38: loss = 0.28960520029067993, acc = 0.9130859375  
Batch 39: loss = 0.29637905955314636, acc = 0.9091796875  
Batch 40: loss = 0.3042694926261902, acc = 0.90625  
Batch 41: loss = 0.2842106819152832, acc = 0.931640625

Saved checkpoint to weights\_eminem\_input.txt.80.h5

Epoch 81/100

Batch 1: loss = 0.30659565329551697, acc = 0.91015625  
Batch 2: loss = 0.2793375551700592, acc = 0.921875  
Batch 3: loss = 0.2539907693862915, acc = 0.9326171875  
Batch 4: loss = 0.2906895875930786, acc = 0.904296875  
Batch 5: loss = 0.2457091510295868, acc = 0.9296875  
Batch 6: loss = 0.24837899208068848, acc = 0.916015625  
Batch 7: loss = 0.3029889464378357, acc = 0.912109375  
Batch 8: loss = 0.2925848066806793, acc = 0.9091796875  
Batch 9: loss = 0.30960768461227417, acc = 0.9091796875  
Batch 10: loss = 0.30269670486450195, acc = 0.9091796875  
Batch 11: loss = 0.31693118810653687, acc = 0.9111328125  
Batch 12: loss = 0.2724798619747162, acc = 0.919921875  
Batch 13: loss = 0.3154327869415283, acc = 0.908203125  
Batch 14: loss = 0.29305750131607056, acc = 0.9150390625  
Batch 15: loss = 0.2756175696849823, acc = 0.912109375  
Batch 16: loss = 0.25502562522888184, acc = 0.923828125  
Batch 17: loss = 0.3191543221473694, acc = 0.90625  
Batch 18: loss = 0.2891618609428406, acc = 0.9111328125  
Batch 19: loss = 0.26968035101890564, acc = 0.9169921875  
Batch 20: loss = 0.28831976652145386, acc = 0.9208984375  
Batch 21: loss = 0.3224475085735321, acc = 0.9130859375  
Batch 22: loss = 0.3114304542541504, acc = 0.9130859375  
Batch 23: loss = 0.33424025774002075, acc = 0.8935546875  
Batch 24: loss = 0.2839982807636261, acc = 0.91015625  
Batch 25: loss = 0.2656405568122864, acc = 0.9228515625  
Batch 26: loss = 0.2623663544654846, acc = 0.919921875  
Batch 27: loss = 0.23015949130058289, acc = 0.921875  
Batch 28: loss = 0.27202850580215454, acc = 0.9248046875  
Batch 29: loss = 0.28419679403305054, acc = 0.912109375  
Batch 30: loss = 0.2830834984779358, acc = 0.9111328125  
Batch 31: loss = 0.30678993463516235, acc = 0.9033203125  
Batch 32: loss = 0.25329476594924927, acc = 0.923828125  
Batch 33: loss = 0.3937958776950836, acc = 0.8798828125  
Batch 34: loss = 0.34140968322753906, acc = 0.9033203125  
Batch 35: loss = 0.32505425810813904, acc = 0.8994140625  
Batch 36: loss = 0.2729477286338806, acc = 0.9140625  
Batch 37: loss = 0.2855844795703888, acc = 0.912109375  
Batch 38: loss = 0.29543057084083557, acc = 0.91015625  
Batch 39: loss = 0.28198862075805664, acc = 0.916015625  
Batch 40: loss = 0.30232787132263184, acc = 0.91015625  
Batch 41: loss = 0.2979673445224762, acc = 0.8984375

Epoch 82/100

Batch 1: loss = 0.296578049659729, acc = 0.9091796875  
Batch 2: loss = 0.2453908622264862, acc = 0.9296875

Batch 3: loss = 0.24568068981170654, acc = 0.9306640625  
Batch 4: loss = 0.267448753118515, acc = 0.9169921875  
Batch 5: loss = 0.2785279154777527, acc = 0.9189453125  
Batch 6: loss = 0.24825401604175568, acc = 0.9296875  
Batch 7: loss = 0.2754673957824707, acc = 0.9169921875  
Batch 8: loss = 0.269401490688324, acc = 0.9130859375  
Batch 9: loss = 0.3070017099380493, acc = 0.908203125  
Batch 10: loss = 0.29477185010910034, acc = 0.9150390625  
Batch 11: loss = 0.3021174669265747, acc = 0.9111328125  
Batch 12: loss = 0.2905879318714142, acc = 0.904296875  
Batch 13: loss = 0.2970949709415436, acc = 0.916015625  
Batch 14: loss = 0.32097676396369934, acc = 0.8984375  
Batch 15: loss = 0.2524513900279999, acc = 0.9287109375  
Batch 16: loss = 0.2773214280605316, acc = 0.9130859375  
Batch 17: loss = 0.33101579546928406, acc = 0.88671875  
Batch 18: loss = 0.2940470576286316, acc = 0.9130859375  
Batch 19: loss = 0.3000168800354004, acc = 0.9111328125  
Batch 20: loss = 0.33596932888031006, acc = 0.8974609375  
Batch 21: loss = 0.30374032258987427, acc = 0.9033203125  
Batch 22: loss = 0.2615092992782593, acc = 0.9189453125  
Batch 23: loss = 0.27891474962234497, acc = 0.919921875  
Batch 24: loss = 0.257867693901062, acc = 0.9228515625  
Batch 25: loss = 0.2800045311450958, acc = 0.91015625  
Batch 26: loss = 0.23895813524723053, acc = 0.9306640625  
Batch 27: loss = 0.2591136693954468, acc = 0.9140625  
Batch 28: loss = 0.29187846183776855, acc = 0.908203125  
Batch 29: loss = 0.26134729385375977, acc = 0.9228515625  
Batch 30: loss = 0.26083189249038696, acc = 0.9228515625  
Batch 31: loss = 0.3102189302444458, acc = 0.9150390625  
Batch 32: loss = 0.2730898857116699, acc = 0.9150390625  
Batch 33: loss = 0.30224180221557617, acc = 0.9091796875  
Batch 34: loss = 0.3703410029411316, acc = 0.8896484375  
Batch 35: loss = 0.31010591983795166, acc = 0.9013671875  
Batch 36: loss = 0.2491883784532547, acc = 0.9208984375  
Batch 37: loss = 0.2802722454071045, acc = 0.9248046875  
Batch 38: loss = 0.2656221389770508, acc = 0.92578125  
Batch 39: loss = 0.27912312746047974, acc = 0.9140625  
Batch 40: loss = 0.3181362450122833, acc = 0.9033203125  
Batch 41: loss = 0.31643515825271606, acc = 0.9072265625

Epoch 83/100

Batch 1: loss = 0.301216721534729, acc = 0.908203125  
Batch 2: loss = 0.22389380633831024, acc = 0.935546875  
Batch 3: loss = 0.22520272433757782, acc = 0.93359375  
Batch 4: loss = 0.27105116844177246, acc = 0.9169921875  
Batch 5: loss = 0.2197066694498062, acc = 0.927734375  
Batch 6: loss = 0.2518237233161926, acc = 0.921875  
Batch 7: loss = 0.2651483416557312, acc = 0.912109375

Batch 8: loss = 0.2485622763633728, acc = 0.9208984375  
Batch 9: loss = 0.2887730598449707, acc = 0.916015625  
Batch 10: loss = 0.3089969754219055, acc = 0.9111328125  
Batch 11: loss = 0.31331080198287964, acc = 0.9072265625  
Batch 12: loss = 0.28523632884025574, acc = 0.91015625  
Batch 13: loss = 0.2691511809825897, acc = 0.9248046875  
Batch 14: loss = 0.2677740156650543, acc = 0.9208984375  
Batch 15: loss = 0.2776825726032257, acc = 0.91796875  
Batch 16: loss = 0.2724366784095764, acc = 0.9208984375  
Batch 17: loss = 0.2786272168159485, acc = 0.9150390625  
Batch 18: loss = 0.26757848262786865, acc = 0.919921875  
Batch 19: loss = 0.29383185505867004, acc = 0.9072265625  
Batch 20: loss = 0.3311346471309662, acc = 0.896484375  
Batch 21: loss = 0.3170382082462311, acc = 0.8935546875  
Batch 22: loss = 0.2505017817020416, acc = 0.919921875  
Batch 23: loss = 0.3144226372241974, acc = 0.8935546875  
Batch 24: loss = 0.2622976303100586, acc = 0.9169921875  
Batch 25: loss = 0.24353311955928802, acc = 0.9365234375  
Batch 26: loss = 0.2383747398853302, acc = 0.9228515625  
Batch 27: loss = 0.23859721422195435, acc = 0.9248046875  
Batch 28: loss = 0.27120286226272583, acc = 0.9267578125  
Batch 29: loss = 0.2692719101905823, acc = 0.919921875  
Batch 30: loss = 0.3141590356826782, acc = 0.9072265625  
Batch 31: loss = 0.32857760787010193, acc = 0.9111328125  
Batch 32: loss = 0.26662391424179077, acc = 0.9248046875  
Batch 33: loss = 0.28606855869293213, acc = 0.9150390625  
Batch 34: loss = 0.32380181550979614, acc = 0.908203125  
Batch 35: loss = 0.28729864954948425, acc = 0.9111328125  
Batch 36: loss = 0.2682894468307495, acc = 0.916015625  
Batch 37: loss = 0.2916247844696045, acc = 0.90625  
Batch 38: loss = 0.2675333023071289, acc = 0.91015625  
Batch 39: loss = 0.2769864797592163, acc = 0.9189453125  
Batch 40: loss = 0.3032265305519104, acc = 0.91015625  
Batch 41: loss = 0.31300604343414307, acc = 0.900390625

Epoch 84/100

Batch 1: loss = 0.27471762895584106, acc = 0.921875  
Batch 2: loss = 0.24714866280555725, acc = 0.923828125  
Batch 3: loss = 0.2516598403453827, acc = 0.921875  
Batch 4: loss = 0.2452206164598465, acc = 0.9248046875  
Batch 5: loss = 0.248583123087883, acc = 0.9208984375  
Batch 6: loss = 0.23703227937221527, acc = 0.9267578125  
Batch 7: loss = 0.22507405281066895, acc = 0.9404296875  
Batch 8: loss = 0.2541247606277466, acc = 0.9267578125  
Batch 9: loss = 0.2698317766189575, acc = 0.923828125  
Batch 10: loss = 0.2789660692214966, acc = 0.912109375  
Batch 11: loss = 0.2953021228313446, acc = 0.9052734375  
Batch 12: loss = 0.2827875316143036, acc = 0.9140625

Batch 13: loss = 0.2808990180492401, acc = 0.904296875  
Batch 14: loss = 0.28391605615615845, acc = 0.9189453125  
Batch 15: loss = 0.26340407133102417, acc = 0.923828125  
Batch 16: loss = 0.2566523551940918, acc = 0.931640625  
Batch 17: loss = 0.322238564491272, acc = 0.90625  
Batch 18: loss = 0.26347020268440247, acc = 0.9150390625  
Batch 19: loss = 0.26477810740470886, acc = 0.9228515625  
Batch 20: loss = 0.2993493676185608, acc = 0.9072265625  
Batch 21: loss = 0.29469767212867737, acc = 0.9150390625  
Batch 22: loss = 0.27205991744995117, acc = 0.9228515625  
Batch 23: loss = 0.2756602466106415, acc = 0.9228515625  
Batch 24: loss = 0.2659900188446045, acc = 0.9228515625  
Batch 25: loss = 0.2710329294204712, acc = 0.9130859375  
Batch 26: loss = 0.2552350163459778, acc = 0.931640625  
Batch 27: loss = 0.2117665410041809, acc = 0.9267578125  
Batch 28: loss = 0.24934473633766174, acc = 0.9248046875  
Batch 29: loss = 0.2451876401901245, acc = 0.921875  
Batch 30: loss = 0.29657483100891113, acc = 0.912109375  
Batch 31: loss = 0.28194302320480347, acc = 0.919921875  
Batch 32: loss = 0.23230013251304626, acc = 0.927734375  
Batch 33: loss = 0.3097628653049469, acc = 0.892578125  
Batch 34: loss = 0.30751901865005493, acc = 0.921875  
Batch 35: loss = 0.2656705975532532, acc = 0.9287109375  
Batch 36: loss = 0.27216774225234985, acc = 0.90625  
Batch 37: loss = 0.26956868171691895, acc = 0.916015625  
Batch 38: loss = 0.2838183641433716, acc = 0.91015625  
Batch 39: loss = 0.3249339461326599, acc = 0.892578125  
Batch 40: loss = 0.3197568356990814, acc = 0.9033203125  
Batch 41: loss = 0.2654935419559479, acc = 0.9150390625

Epoch 85/100

Batch 1: loss = 0.2833816409111023, acc = 0.9189453125  
Batch 2: loss = 0.2350115329027176, acc = 0.9326171875  
Batch 3: loss = 0.2681521475315094, acc = 0.9208984375  
Batch 4: loss = 0.22095179557800293, acc = 0.9287109375  
Batch 5: loss = 0.24107596278190613, acc = 0.9326171875  
Batch 6: loss = 0.24157927930355072, acc = 0.93359375  
Batch 7: loss = 0.24336934089660645, acc = 0.931640625  
Batch 8: loss = 0.2599335312843323, acc = 0.9287109375  
Batch 9: loss = 0.26533186435699463, acc = 0.927734375  
Batch 10: loss = 0.29496559500694275, acc = 0.9111328125  
Batch 11: loss = 0.2610131800174713, acc = 0.9189453125  
Batch 12: loss = 0.2994251847267151, acc = 0.91796875  
Batch 13: loss = 0.29561445116996765, acc = 0.9052734375  
Batch 14: loss = 0.2890707850456238, acc = 0.9169921875  
Batch 15: loss = 0.23745693266391754, acc = 0.9375  
Batch 16: loss = 0.2597205638885498, acc = 0.921875  
Batch 17: loss = 0.2766757607460022, acc = 0.9140625

Batch 18: loss = 0.28354477882385254, acc = 0.912109375  
Batch 19: loss = 0.27422451972961426, acc = 0.9169921875  
Batch 20: loss = 0.31578508019447327, acc = 0.91796875  
Batch 21: loss = 0.3193144202232361, acc = 0.9111328125  
Batch 22: loss = 0.30113115906715393, acc = 0.896484375  
Batch 23: loss = 0.2958952784538269, acc = 0.89453125  
Batch 24: loss = 0.2442714422941208, acc = 0.9228515625  
Batch 25: loss = 0.2331286519765854, acc = 0.9345703125  
Batch 26: loss = 0.24454030394554138, acc = 0.923828125  
Batch 27: loss = 0.21907849609851837, acc = 0.921875  
Batch 28: loss = 0.2599582076072693, acc = 0.9169921875  
Batch 29: loss = 0.2774676978588104, acc = 0.9248046875  
Batch 30: loss = 0.26388517022132874, acc = 0.921875  
Batch 31: loss = 0.2700192928314209, acc = 0.931640625  
Batch 32: loss = 0.2596442997455597, acc = 0.91796875  
Batch 33: loss = 0.2683562636375427, acc = 0.9287109375  
Batch 34: loss = 0.288657546043396, acc = 0.9111328125  
Batch 35: loss = 0.3211667537689209, acc = 0.904296875  
Batch 36: loss = 0.24635639786720276, acc = 0.921875  
Batch 37: loss = 0.28351348638534546, acc = 0.9169921875  
Batch 38: loss = 0.26986268162727356, acc = 0.921875  
Batch 39: loss = 0.2868677079677582, acc = 0.9033203125  
Batch 40: loss = 0.31285586953163147, acc = 0.9013671875  
Batch 41: loss = 0.3014488220214844, acc = 0.904296875

Epoch 86/100

Batch 1: loss = 0.29990482330322266, acc = 0.90625  
Batch 2: loss = 0.23215779662132263, acc = 0.931640625  
Batch 3: loss = 0.2217678725719452, acc = 0.9345703125  
Batch 4: loss = 0.22889916598796844, acc = 0.9287109375  
Batch 5: loss = 0.21438217163085938, acc = 0.939453125  
Batch 6: loss = 0.2158629298210144, acc = 0.9306640625  
Batch 7: loss = 0.24702134728431702, acc = 0.923828125  
Batch 8: loss = 0.23581472039222717, acc = 0.927734375  
Batch 9: loss = 0.26574915647506714, acc = 0.9169921875  
Batch 10: loss = 0.27775824069976807, acc = 0.9169921875  
Batch 11: loss = 0.29277437925338745, acc = 0.9111328125  
Batch 12: loss = 0.2609679698944092, acc = 0.9189453125  
Batch 13: loss = 0.2941582202911377, acc = 0.9130859375  
Batch 14: loss = 0.22223210334777832, acc = 0.927734375  
Batch 15: loss = 0.2745819389820099, acc = 0.9228515625  
Batch 16: loss = 0.23249632120132446, acc = 0.921875  
Batch 17: loss = 0.25739288330078125, acc = 0.9296875  
Batch 18: loss = 0.27591514587402344, acc = 0.91015625  
Batch 19: loss = 0.2804887294769287, acc = 0.916015625  
Batch 20: loss = 0.26187413930892944, acc = 0.9248046875  
Batch 21: loss = 0.29181230068206787, acc = 0.9033203125  
Batch 22: loss = 0.2590259909629822, acc = 0.931640625



Batch 23: loss = 0.264140248298645, acc = 0.9208984375  
Batch 24: loss = 0.25409674644470215, acc = 0.9287109375  
Batch 25: loss = 0.2640492022037506, acc = 0.9248046875  
Batch 26: loss = 0.2537848949432373, acc = 0.9208984375  
Batch 27: loss = 0.19878612458705902, acc = 0.9365234375  
Batch 28: loss = 0.25810521841049194, acc = 0.9208984375  
Batch 29: loss = 0.25476542115211487, acc = 0.9189453125  
Batch 30: loss = 0.28039515018463135, acc = 0.904296875  
Batch 31: loss = 0.24464577436447144, acc = 0.931640625  
Batch 32: loss = 0.24015162885189056, acc = 0.935546875  
Batch 33: loss = 0.2558249831199646, acc = 0.9208984375  
Batch 34: loss = 0.3140721321105957, acc = 0.916015625  
Batch 35: loss = 0.28028935194015503, acc = 0.9140625  
Batch 36: loss = 0.2175101339817047, acc = 0.939453125  
Batch 37: loss = 0.2598903179168701, acc = 0.9296875  
Batch 38: loss = 0.2538504898548126, acc = 0.91796875  
Batch 39: loss = 0.2614131569862366, acc = 0.919921875  
Batch 40: loss = 0.3048593997955322, acc = 0.900390625  
Batch 41: loss = 0.30219411849975586, acc = 0.8994140625

Epoch 87/100

Batch 1: loss = 0.29267027974128723, acc = 0.921875  
Batch 2: loss = 0.2245556265115738, acc = 0.927734375  
Batch 3: loss = 0.22013510763645172, acc = 0.9453125  
Batch 4: loss = 0.24479904770851135, acc = 0.9306640625  
Batch 5: loss = 0.22427639365196228, acc = 0.935546875  
Batch 6: loss = 0.2410634607076645, acc = 0.9208984375  
Batch 7: loss = 0.23896481096744537, acc = 0.9296875  
Batch 8: loss = 0.2422378659248352, acc = 0.931640625  
Batch 9: loss = 0.24735897779464722, acc = 0.9287109375  
Batch 10: loss = 0.269561231136322, acc = 0.9140625  
Batch 11: loss = 0.2607434391975403, acc = 0.9189453125  
Batch 12: loss = 0.29645729064941406, acc = 0.912109375  
Batch 13: loss = 0.27022963762283325, acc = 0.916015625  
Batch 14: loss = 0.2456849366426468, acc = 0.916015625  
Batch 15: loss = 0.22192582488059998, acc = 0.9404296875  
Batch 16: loss = 0.2605249881744385, acc = 0.921875  
Batch 17: loss = 0.264135479927063, acc = 0.9228515625  
Batch 18: loss = 0.26955485343933105, acc = 0.9130859375  
Batch 19: loss = 0.3138546347618103, acc = 0.9111328125  
Batch 20: loss = 0.26520127058029175, acc = 0.9267578125  
Batch 21: loss = 0.2738688290119171, acc = 0.916015625  
Batch 22: loss = 0.2743489742279053, acc = 0.9169921875  
Batch 23: loss = 0.2537294030189514, acc = 0.92578125  
Batch 24: loss = 0.2615988850593567, acc = 0.912109375  
Batch 25: loss = 0.24641908705234528, acc = 0.92578125  
Batch 26: loss = 0.2422610968351364, acc = 0.9296875  
Batch 27: loss = 0.22419802844524384, acc = 0.9287109375

Batch 28: loss = 0.265144020318985, acc = 0.921875  
Batch 29: loss = 0.27659809589385986, acc = 0.9091796875  
Batch 30: loss = 0.2547624111175537, acc = 0.9248046875  
Batch 31: loss = 0.2734141945838928, acc = 0.919921875  
Batch 32: loss = 0.2534772753715515, acc = 0.92578125  
Batch 33: loss = 0.29667454957962036, acc = 0.90625  
Batch 34: loss = 0.31380152702331543, acc = 0.9013671875  
Batch 35: loss = 0.23872840404510498, acc = 0.9267578125  
Batch 36: loss = 0.23128943145275116, acc = 0.9267578125  
Batch 37: loss = 0.28096920251846313, acc = 0.912109375  
Batch 38: loss = 0.2362058460712433, acc = 0.919921875  
Batch 39: loss = 0.2916380763053894, acc = 0.9091796875  
Batch 40: loss = 0.3065490126609802, acc = 0.9033203125  
Batch 41: loss = 0.28998568654060364, acc = 0.9091796875

Epoch 88/100

Batch 1: loss = 0.28920280933380127, acc = 0.912109375  
Batch 2: loss = 0.28760138154029846, acc = 0.908203125  
Batch 3: loss = 0.24159519374370575, acc = 0.93359375  
Batch 4: loss = 0.23065787553787231, acc = 0.9296875  
Batch 5: loss = 0.22914782166481018, acc = 0.931640625  
Batch 6: loss = 0.24085786938667297, acc = 0.9306640625  
Batch 7: loss = 0.23411494493484497, acc = 0.927734375  
Batch 8: loss = 0.23409458994865417, acc = 0.92578125  
Batch 9: loss = 0.23977868258953094, acc = 0.927734375  
Batch 10: loss = 0.2828618288040161, acc = 0.908203125  
Batch 11: loss = 0.28874123096466064, acc = 0.908203125  
Batch 12: loss = 0.2454124093055725, acc = 0.9248046875  
Batch 13: loss = 0.2617300748825073, acc = 0.9169921875  
Batch 14: loss = 0.29834944009780884, acc = 0.91015625  
Batch 15: loss = 0.24057699739933014, acc = 0.9326171875  
Batch 16: loss = 0.23279884457588196, acc = 0.94140625  
Batch 17: loss = 0.25096070766448975, acc = 0.9130859375  
Batch 18: loss = 0.2355247437953949, acc = 0.9267578125  
Batch 19: loss = 0.28146892786026, acc = 0.904296875  
Batch 20: loss = 0.2944903075695038, acc = 0.9150390625  
Batch 21: loss = 0.27506890892982483, acc = 0.9140625  
Batch 22: loss = 0.25729644298553467, acc = 0.9140625  
Batch 23: loss = 0.25362804532051086, acc = 0.927734375  
Batch 24: loss = 0.2508993446826935, acc = 0.9248046875  
Batch 25: loss = 0.23603568971157074, acc = 0.9296875  
Batch 26: loss = 0.25252407789230347, acc = 0.92578125  
Batch 27: loss = 0.20104557275772095, acc = 0.94140625  
Batch 28: loss = 0.2543015480041504, acc = 0.919921875  
Batch 29: loss = 0.2481822371482849, acc = 0.916015625  
Batch 30: loss = 0.27358996868133545, acc = 0.9208984375  
Batch 31: loss = 0.2852975130081177, acc = 0.9130859375  
Batch 32: loss = 0.2475738525390625, acc = 0.919921875

Batch 33: loss = 0.29231423139572144, acc = 0.919921875  
Batch 34: loss = 0.312139093875885, acc = 0.916015625  
Batch 35: loss = 0.29671138525009155, acc = 0.904296875  
Batch 36: loss = 0.23211443424224854, acc = 0.9306640625  
Batch 37: loss = 0.2472173273563385, acc = 0.92578125  
Batch 38: loss = 0.22786861658096313, acc = 0.93359375  
Batch 39: loss = 0.2604603171348572, acc = 0.912109375  
Batch 40: loss = 0.3160575330257416, acc = 0.896484375  
Batch 41: loss = 0.26821550726890564, acc = 0.923828125

Epoch 89/100

Batch 1: loss = 0.25730106234550476, acc = 0.923828125  
Batch 2: loss = 0.23201768100261688, acc = 0.9326171875  
Batch 3: loss = 0.22187012434005737, acc = 0.94140625  
Batch 4: loss = 0.2134789377450943, acc = 0.9384765625  
Batch 5: loss = 0.23030918836593628, acc = 0.9326171875  
Batch 6: loss = 0.22286555171012878, acc = 0.9267578125  
Batch 7: loss = 0.24015596508979797, acc = 0.9296875  
Batch 8: loss = 0.22251158952713013, acc = 0.9267578125  
Batch 9: loss = 0.2809998393058777, acc = 0.9150390625  
Batch 10: loss = 0.24100668728351593, acc = 0.9287109375  
Batch 11: loss = 0.27743884921073914, acc = 0.908203125  
Batch 12: loss = 0.24086201190948486, acc = 0.9287109375  
Batch 13: loss = 0.23599159717559814, acc = 0.9345703125  
Batch 14: loss = 0.22301535308361053, acc = 0.9248046875  
Batch 15: loss = 0.21914412081241608, acc = 0.9365234375  
Batch 16: loss = 0.21803021430969238, acc = 0.927734375  
Batch 17: loss = 0.23970229923725128, acc = 0.935546875  
Batch 18: loss = 0.252006858587265, acc = 0.9287109375  
Batch 19: loss = 0.2681688070297241, acc = 0.9208984375  
Batch 20: loss = 0.2589317560195923, acc = 0.9287109375  
Batch 21: loss = 0.2847077548503876, acc = 0.919921875  
Batch 22: loss = 0.2545744478702545, acc = 0.9208984375  
Batch 23: loss = 0.25025874376296997, acc = 0.91796875  
Batch 24: loss = 0.26720115542411804, acc = 0.919921875  
Batch 25: loss = 0.23259273171424866, acc = 0.9248046875  
Batch 26: loss = 0.22653216123580933, acc = 0.9326171875  
Batch 27: loss = 0.20757240056991577, acc = 0.9345703125  
Batch 28: loss = 0.2436530441045761, acc = 0.9306640625  
Batch 29: loss = 0.25172775983810425, acc = 0.9267578125  
Batch 30: loss = 0.25691989064216614, acc = 0.92578125  
Batch 31: loss = 0.26125994324684143, acc = 0.9208984375  
Batch 32: loss = 0.2461208701133728, acc = 0.9267578125  
Batch 33: loss = 0.2806222438812256, acc = 0.9091796875  
Batch 34: loss = 0.29759180545806885, acc = 0.9140625  
Batch 35: loss = 0.24781948328018188, acc = 0.9248046875  
Batch 36: loss = 0.2076312005519867, acc = 0.9326171875  
Batch 37: loss = 0.24720756709575653, acc = 0.921875

Batch 38: loss = 0.2696651518344879, acc = 0.9140625  
Batch 39: loss = 0.276687890291214, acc = 0.91015625  
Batch 40: loss = 0.2687162756919861, acc = 0.9130859375  
Batch 41: loss = 0.29424282908439636, acc = 0.91015625

Epoch 90/100

Batch 1: loss = 0.29007014632225037, acc = 0.919921875  
Batch 2: loss = 0.19183364510536194, acc = 0.9482421875  
Batch 3: loss = 0.2000836730003357, acc = 0.9462890625  
Batch 4: loss = 0.22519807517528534, acc = 0.9375  
Batch 5: loss = 0.2295617163181305, acc = 0.9248046875  
Batch 6: loss = 0.20703476667404175, acc = 0.9375  
Batch 7: loss = 0.24889083206653595, acc = 0.92578125  
Batch 8: loss = 0.2122185230255127, acc = 0.9345703125  
Batch 9: loss = 0.23136380314826965, acc = 0.9345703125  
Batch 10: loss = 0.25075048208236694, acc = 0.935546875  
Batch 11: loss = 0.2722882032394409, acc = 0.916015625  
Batch 12: loss = 0.25732892751693726, acc = 0.9208984375  
Batch 13: loss = 0.2728866934776306, acc = 0.9169921875  
Batch 14: loss = 0.22812119126319885, acc = 0.9306640625  
Batch 15: loss = 0.25040867924690247, acc = 0.923828125  
Batch 16: loss = 0.24022908508777618, acc = 0.919921875  
Batch 17: loss = 0.25457334518432617, acc = 0.923828125  
Batch 18: loss = 0.24908484518527985, acc = 0.93359375  
Batch 19: loss = 0.25455960631370544, acc = 0.923828125  
Batch 20: loss = 0.30010122060775757, acc = 0.904296875  
Batch 21: loss = 0.3036784827709198, acc = 0.8994140625  
Batch 22: loss = 0.2622509300708771, acc = 0.923828125  
Batch 23: loss = 0.29852384328842163, acc = 0.912109375  
Batch 24: loss = 0.27395835518836975, acc = 0.921875  
Batch 25: loss = 0.2129298895597458, acc = 0.9423828125  
Batch 26: loss = 0.21012407541275024, acc = 0.9345703125  
Batch 27: loss = 0.2180294692516327, acc = 0.93359375  
Batch 28: loss = 0.2372918725013733, acc = 0.9345703125  
Batch 29: loss = 0.23398447036743164, acc = 0.9248046875  
Batch 30: loss = 0.2996525764465332, acc = 0.912109375  
Batch 31: loss = 0.2786203622817993, acc = 0.9140625  
Batch 32: loss = 0.22324901819229126, acc = 0.9375  
Batch 33: loss = 0.29719245433807373, acc = 0.90625  
Batch 34: loss = 0.2867596745491028, acc = 0.9189453125  
Batch 35: loss = 0.2750205397605896, acc = 0.912109375  
Batch 36: loss = 0.22480197250843048, acc = 0.9267578125  
Batch 37: loss = 0.2527439296245575, acc = 0.912109375  
Batch 38: loss = 0.22462359070777893, acc = 0.9306640625  
Batch 39: loss = 0.2483592927455902, acc = 0.9326171875  
Batch 40: loss = 0.2920893132686615, acc = 0.904296875  
Batch 41: loss = 0.2784091830253601, acc = 0.9130859375  
Saved checkpoint to weights\_eminem\_input.txt.90.h5

Epoch 91/100

Batch 1: loss = 0.23661477863788605, acc = 0.935546875  
Batch 2: loss = 0.2051287442445755, acc = 0.9453125  
Batch 3: loss = 0.22555656731128693, acc = 0.927734375  
Batch 4: loss = 0.2122754454612732, acc = 0.9384765625  
Batch 5: loss = 0.21082305908203125, acc = 0.9384765625  
Batch 6: loss = 0.197666198015213, acc = 0.9345703125  
Batch 7: loss = 0.2088889330625534, acc = 0.94140625  
Batch 8: loss = 0.2192612588405609, acc = 0.935546875  
Batch 9: loss = 0.2471373975276947, acc = 0.927734375  
Batch 10: loss = 0.23268964886665344, acc = 0.9296875  
Batch 11: loss = 0.2655675411224365, acc = 0.9287109375  
Batch 12: loss = 0.25194692611694336, acc = 0.9208984375  
Batch 13: loss = 0.2755684554576874, acc = 0.9140625  
Batch 14: loss = 0.26412150263786316, acc = 0.9208984375  
Batch 15: loss = 0.2196800410747528, acc = 0.9423828125  
Batch 16: loss = 0.21188807487487793, acc = 0.9404296875  
Batch 17: loss = 0.23410865664482117, acc = 0.931640625  
Batch 18: loss = 0.2585682272911072, acc = 0.9248046875  
Batch 19: loss = 0.2550547420978546, acc = 0.923828125  
Batch 20: loss = 0.29711204767227173, acc = 0.9208984375  
Batch 21: loss = 0.2749381959438324, acc = 0.916015625  
Batch 22: loss = 0.2603037357330322, acc = 0.91796875  
Batch 23: loss = 0.2531149685382843, acc = 0.9169921875  
Batch 24: loss = 0.25130677223205566, acc = 0.923828125  
Batch 25: loss = 0.23105379939079285, acc = 0.927734375  
Batch 26: loss = 0.23489220440387726, acc = 0.927734375  
Batch 27: loss = 0.20402413606643677, acc = 0.939453125  
Batch 28: loss = 0.22867119312286377, acc = 0.927734375  
Batch 29: loss = 0.24568551778793335, acc = 0.9267578125  
Batch 30: loss = 0.24050530791282654, acc = 0.9296875  
Batch 31: loss = 0.2380964159965515, acc = 0.9326171875  
Batch 32: loss = 0.2379993498325348, acc = 0.921875  
Batch 33: loss = 0.262422114610672, acc = 0.9208984375  
Batch 34: loss = 0.27169352769851685, acc = 0.9208984375  
Batch 35: loss = 0.24944011867046356, acc = 0.919921875  
Batch 36: loss = 0.2044021338224411, acc = 0.93359375  
Batch 37: loss = 0.2527565360069275, acc = 0.9267578125  
Batch 38: loss = 0.24216513335704803, acc = 0.9267578125  
Batch 39: loss = 0.2414824366569519, acc = 0.9169921875  
Batch 40: loss = 0.24866706132888794, acc = 0.9287109375  
Batch 41: loss = 0.23398730158805847, acc = 0.9228515625

Epoch 92/100

Batch 1: loss = 0.2725316286087036, acc = 0.9267578125  
Batch 2: loss = 0.2297246754169464, acc = 0.9404296875  
Batch 3: loss = 0.2359941303730011, acc = 0.9296875

Batch 4: loss = 0.19170568883419037, acc = 0.9404296875  
Batch 5: loss = 0.241974875330925, acc = 0.9296875  
Batch 6: loss = 0.26608824729919434, acc = 0.912109375  
Batch 7: loss = 0.23684561252593994, acc = 0.9287109375  
Batch 8: loss = 0.22641800343990326, acc = 0.9404296875  
Batch 9: loss = 0.2512451410293579, acc = 0.92578125  
Batch 10: loss = 0.23160231113433838, acc = 0.931640625  
Batch 11: loss = 0.26483458280563354, acc = 0.91015625  
Batch 12: loss = 0.2168884128332138, acc = 0.9384765625  
Batch 13: loss = 0.23329180479049683, acc = 0.9345703125  
Batch 14: loss = 0.24029883742332458, acc = 0.91796875  
Batch 15: loss = 0.24149131774902344, acc = 0.9248046875  
Batch 16: loss = 0.2297465205192566, acc = 0.931640625  
Batch 17: loss = 0.2574213743209839, acc = 0.92578125  
Batch 18: loss = 0.2790146768093109, acc = 0.91015625  
Batch 19: loss = 0.2829740047454834, acc = 0.9052734375  
Batch 20: loss = 0.24554619193077087, acc = 0.9287109375  
Batch 21: loss = 0.25667333602905273, acc = 0.9248046875  
Batch 22: loss = 0.25915563106536865, acc = 0.9208984375  
Batch 23: loss = 0.22409306466579437, acc = 0.9287109375  
Batch 24: loss = 0.2290138602256775, acc = 0.931640625  
Batch 25: loss = 0.2300558239221573, acc = 0.9443359375  
Batch 26: loss = 0.22553694248199463, acc = 0.9306640625  
Batch 27: loss = 0.18367642164230347, acc = 0.939453125  
Batch 28: loss = 0.24048349261283875, acc = 0.9345703125  
Batch 29: loss = 0.22774823009967804, acc = 0.923828125  
Batch 30: loss = 0.23707816004753113, acc = 0.92578125  
Batch 31: loss = 0.258029580116272, acc = 0.92578125  
Batch 32: loss = 0.2486903965473175, acc = 0.923828125  
Batch 33: loss = 0.27256691455841064, acc = 0.919921875  
Batch 34: loss = 0.2659730315208435, acc = 0.9248046875  
Batch 35: loss = 0.2600761353969574, acc = 0.92578125  
Batch 36: loss = 0.23206456005573273, acc = 0.9267578125  
Batch 37: loss = 0.22201129794120789, acc = 0.9296875  
Batch 38: loss = 0.232453852891922, acc = 0.9326171875  
Batch 39: loss = 0.22798779606819153, acc = 0.9267578125  
Batch 40: loss = 0.25729408860206604, acc = 0.9189453125  
Batch 41: loss = 0.23623625934123993, acc = 0.92578125

Epoch 93/100

Batch 1: loss = 0.24963374435901642, acc = 0.92578125  
Batch 2: loss = 0.17882665991783142, acc = 0.947265625  
Batch 3: loss = 0.22270768880844116, acc = 0.9375  
Batch 4: loss = 0.20015715062618256, acc = 0.94140625  
Batch 5: loss = 0.20119482278823853, acc = 0.9326171875  
Batch 6: loss = 0.21675413846969604, acc = 0.931640625  
Batch 7: loss = 0.23685741424560547, acc = 0.923828125  
Batch 8: loss = 0.1845478117465973, acc = 0.9501953125

Batch 9: loss = 0.23338741064071655, acc = 0.9306640625  
Batch 10: loss = 0.21933536231517792, acc = 0.9384765625  
Batch 11: loss = 0.24651427567005157, acc = 0.9208984375  
Batch 12: loss = 0.20970916748046875, acc = 0.935546875  
Batch 13: loss = 0.23044027388095856, acc = 0.9345703125  
Batch 14: loss = 0.20532813668251038, acc = 0.935546875  
Batch 15: loss = 0.21087810397148132, acc = 0.935546875  
Batch 16: loss = 0.23373743891716003, acc = 0.939453125  
Batch 17: loss = 0.2280980944633484, acc = 0.9296875  
Batch 18: loss = 0.22601136565208435, acc = 0.9345703125  
Batch 19: loss = 0.23779833316802979, acc = 0.9326171875  
Batch 20: loss = 0.2614779472351074, acc = 0.92578125  
Batch 21: loss = 0.2509283423423767, acc = 0.9267578125  
Batch 22: loss = 0.23151980340480804, acc = 0.9267578125  
Batch 23: loss = 0.21019048988819122, acc = 0.9423828125  
Batch 24: loss = 0.23237022757530212, acc = 0.92578125  
Batch 25: loss = 0.22068440914154053, acc = 0.9365234375  
Batch 26: loss = 0.20142731070518494, acc = 0.9375  
Batch 27: loss = 0.14503377676010132, acc = 0.962890625  
Batch 28: loss = 0.21485558152198792, acc = 0.93359375  
Batch 29: loss = 0.22781890630722046, acc = 0.927734375  
Batch 30: loss = 0.24098670482635498, acc = 0.9345703125  
Batch 31: loss = 0.2483930140733719, acc = 0.931640625  
Batch 32: loss = 0.2343102991580963, acc = 0.931640625  
Batch 33: loss = 0.2895793616771698, acc = 0.919921875  
Batch 34: loss = 0.26983559131622314, acc = 0.908203125  
Batch 35: loss = 0.2237936556339264, acc = 0.9326171875  
Batch 36: loss = 0.2240920513868332, acc = 0.9296875  
Batch 37: loss = 0.22197982668876648, acc = 0.9306640625  
Batch 38: loss = 0.21880534291267395, acc = 0.9326171875  
Batch 39: loss = 0.24066022038459778, acc = 0.9150390625  
Batch 40: loss = 0.24435703456401825, acc = 0.9189453125  
Batch 41: loss = 0.2606300115585327, acc = 0.916015625

Epoch 94/100

Batch 1: loss = 0.26859918236732483, acc = 0.9150390625  
Batch 2: loss = 0.23219867050647736, acc = 0.92578125  
Batch 3: loss = 0.20143923163414001, acc = 0.9443359375  
Batch 4: loss = 0.1843568980693817, acc = 0.943359375  
Batch 5: loss = 0.21824532747268677, acc = 0.9375  
Batch 6: loss = 0.1793660819530487, acc = 0.947265625  
Batch 7: loss = 0.22344118356704712, acc = 0.9326171875  
Batch 8: loss = 0.22544372081756592, acc = 0.935546875  
Batch 9: loss = 0.2274005115032196, acc = 0.935546875  
Batch 10: loss = 0.2474556565284729, acc = 0.9228515625  
Batch 11: loss = 0.27899444103240967, acc = 0.904296875  
Batch 12: loss = 0.22621312737464905, acc = 0.9287109375  
Batch 13: loss = 0.21269167959690094, acc = 0.9375

Batch 14: loss = 0.22933992743492126, acc = 0.9306640625  
Batch 15: loss = 0.21541009843349457, acc = 0.9365234375  
Batch 16: loss = 0.22973598539829254, acc = 0.9345703125  
Batch 17: loss = 0.2201043665409088, acc = 0.931640625  
Batch 18: loss = 0.2556386888027191, acc = 0.9267578125  
Batch 19: loss = 0.24116738140583038, acc = 0.9306640625  
Batch 20: loss = 0.2465568333864212, acc = 0.9375  
Batch 21: loss = 0.2476775348186493, acc = 0.92578125  
Batch 22: loss = 0.2846320569515228, acc = 0.9130859375  
Batch 23: loss = 0.24261122941970825, acc = 0.9296875  
Batch 24: loss = 0.24513518810272217, acc = 0.9306640625  
Batch 25: loss = 0.27137821912765503, acc = 0.9150390625  
Batch 26: loss = 0.2154446244239807, acc = 0.939453125  
Batch 27: loss = 0.19114097952842712, acc = 0.9453125  
Batch 28: loss = 0.2590148448944092, acc = 0.9208984375  
Batch 29: loss = 0.22760988771915436, acc = 0.9306640625  
Batch 30: loss = 0.21954292058944702, acc = 0.9423828125  
Batch 31: loss = 0.26221030950546265, acc = 0.9296875  
Batch 32: loss = 0.18477082252502441, acc = 0.9453125  
Batch 33: loss = 0.2572669982910156, acc = 0.921875  
Batch 34: loss = 0.2645084261894226, acc = 0.9228515625  
Batch 35: loss = 0.21723672747612, acc = 0.9326171875  
Batch 36: loss = 0.21285194158554077, acc = 0.931640625  
Batch 37: loss = 0.2146323323249817, acc = 0.9375  
Batch 38: loss = 0.20331767201423645, acc = 0.9375  
Batch 39: loss = 0.23596403002738953, acc = 0.923828125  
Batch 40: loss = 0.2383478432893753, acc = 0.9296875  
Batch 41: loss = 0.2462168037891388, acc = 0.91796875

Epoch 95/100

Batch 1: loss = 0.26179414987564087, acc = 0.9326171875  
Batch 2: loss = 0.20206567645072937, acc = 0.935546875  
Batch 3: loss = 0.19961829483509064, acc = 0.94921875  
Batch 4: loss = 0.21372786164283752, acc = 0.9326171875  
Batch 5: loss = 0.19240060448646545, acc = 0.9453125  
Batch 6: loss = 0.20409272611141205, acc = 0.93359375  
Batch 7: loss = 0.2018275409936905, acc = 0.9345703125  
Batch 8: loss = 0.20193526148796082, acc = 0.9423828125  
Batch 9: loss = 0.23417304456233978, acc = 0.9384765625  
Batch 10: loss = 0.2405109405517578, acc = 0.9248046875  
Batch 11: loss = 0.2399507462978363, acc = 0.9189453125  
Batch 12: loss = 0.24884377419948578, acc = 0.9267578125  
Batch 13: loss = 0.2525234818458557, acc = 0.935546875  
Batch 14: loss = 0.19337818026542664, acc = 0.94140625  
Batch 15: loss = 0.20266389846801758, acc = 0.9462890625  
Batch 16: loss = 0.20235130190849304, acc = 0.9345703125  
Batch 17: loss = 0.21662576496601105, acc = 0.9296875  
Batch 18: loss = 0.22807885706424713, acc = 0.9326171875



Batch 19: loss = 0.2504850924015045, acc = 0.9306640625  
Batch 20: loss = 0.22566689550876617, acc = 0.93359375  
Batch 21: loss = 0.25394999980926514, acc = 0.9208984375  
Batch 22: loss = 0.24053910374641418, acc = 0.921875  
Batch 23: loss = 0.2576369047164917, acc = 0.919921875  
Batch 24: loss = 0.2207552045583725, acc = 0.935546875  
Batch 25: loss = 0.20393384993076324, acc = 0.9375  
Batch 26: loss = 0.17840084433555603, acc = 0.9482421875  
Batch 27: loss = 0.1627250760793686, acc = 0.943359375  
Batch 28: loss = 0.21313822269439697, acc = 0.9375  
Batch 29: loss = 0.20214149355888367, acc = 0.939453125  
Batch 30: loss = 0.24323511123657227, acc = 0.927734375  
Batch 31: loss = 0.2308959662914276, acc = 0.939453125  
Batch 32: loss = 0.22729532420635223, acc = 0.93359375  
Batch 33: loss = 0.23014527559280396, acc = 0.9326171875  
Batch 34: loss = 0.25578397512435913, acc = 0.923828125  
Batch 35: loss = 0.284214049577713, acc = 0.912109375  
Batch 36: loss = 0.1972086876630783, acc = 0.9404296875  
Batch 37: loss = 0.23581841588020325, acc = 0.9365234375  
Batch 38: loss = 0.2242300808429718, acc = 0.935546875  
Batch 39: loss = 0.24524393677711487, acc = 0.9228515625  
Batch 40: loss = 0.24784865975379944, acc = 0.9228515625  
Batch 41: loss = 0.2900163531303406, acc = 0.91796875

Epoch 96/100

Batch 1: loss = 0.2217562198638916, acc = 0.9365234375  
Batch 2: loss = 0.21043214201927185, acc = 0.939453125  
Batch 3: loss = 0.20086166262626648, acc = 0.9384765625  
Batch 4: loss = 0.17482587695121765, acc = 0.9453125  
Batch 5: loss = 0.19568398594856262, acc = 0.9423828125  
Batch 6: loss = 0.20925506949424744, acc = 0.9365234375  
Batch 7: loss = 0.22257910668849945, acc = 0.9326171875  
Batch 8: loss = 0.21741461753845215, acc = 0.9326171875  
Batch 9: loss = 0.23065295815467834, acc = 0.927734375  
Batch 10: loss = 0.25117653608322144, acc = 0.9306640625  
Batch 11: loss = 0.264358252286911, acc = 0.9150390625  
Batch 12: loss = 0.21325796842575073, acc = 0.9375  
Batch 13: loss = 0.2133638560771942, acc = 0.9296875  
Batch 14: loss = 0.229079008102417, acc = 0.92578125  
Batch 15: loss = 0.20450511574745178, acc = 0.939453125  
Batch 16: loss = 0.20750415325164795, acc = 0.94140625  
Batch 17: loss = 0.2140793651342392, acc = 0.9345703125  
Batch 18: loss = 0.21270805597305298, acc = 0.9375  
Batch 19: loss = 0.21707496047019958, acc = 0.93359375  
Batch 20: loss = 0.2631046772003174, acc = 0.916015625  
Batch 21: loss = 0.26589930057525635, acc = 0.91796875  
Batch 22: loss = 0.2310394048690796, acc = 0.9228515625  
Batch 23: loss = 0.22295677661895752, acc = 0.93359375

Batch 24: loss = 0.21109697222709656, acc = 0.9345703125  
Batch 25: loss = 0.21713563799858093, acc = 0.9384765625  
Batch 26: loss = 0.20657286047935486, acc = 0.9384765625  
Batch 27: loss = 0.17655380070209503, acc = 0.9462890625  
Batch 28: loss = 0.20571354031562805, acc = 0.939453125  
Batch 29: loss = 0.20459860563278198, acc = 0.9462890625  
Batch 30: loss = 0.22837339341640472, acc = 0.9287109375  
Batch 31: loss = 0.23760849237442017, acc = 0.9296875  
Batch 32: loss = 0.20300716161727905, acc = 0.935546875  
Batch 33: loss = 0.21013686060905457, acc = 0.9482421875  
Batch 34: loss = 0.2516966164112091, acc = 0.9228515625  
Batch 35: loss = 0.24319913983345032, acc = 0.9365234375  
Batch 36: loss = 0.21568156778812408, acc = 0.927734375  
Batch 37: loss = 0.22993923723697662, acc = 0.9326171875  
Batch 38: loss = 0.2134101390838623, acc = 0.9306640625  
Batch 39: loss = 0.2619120180606842, acc = 0.9150390625  
Batch 40: loss = 0.25636035203933716, acc = 0.9169921875  
Batch 41: loss = 0.2299666702747345, acc = 0.9267578125

Epoch 97/100

Batch 1: loss = 0.24814537167549133, acc = 0.9326171875  
Batch 2: loss = 0.2205466330051422, acc = 0.93359375  
Batch 3: loss = 0.22974446415901184, acc = 0.9423828125  
Batch 4: loss = 0.22097815573215485, acc = 0.9267578125  
Batch 5: loss = 0.18831461668014526, acc = 0.947265625  
Batch 6: loss = 0.17074620723724365, acc = 0.9501953125  
Batch 7: loss = 0.21287429332733154, acc = 0.9384765625  
Batch 8: loss = 0.17190858721733093, acc = 0.94921875  
Batch 9: loss = 0.2102140486240387, acc = 0.9404296875  
Batch 10: loss = 0.2257585972547531, acc = 0.9296875  
Batch 11: loss = 0.2516922056674957, acc = 0.9248046875  
Batch 12: loss = 0.22987918555736542, acc = 0.931640625  
Batch 13: loss = 0.24787072837352753, acc = 0.9208984375  
Batch 14: loss = 0.2342642843723297, acc = 0.927734375  
Batch 15: loss = 0.2070387750864029, acc = 0.9423828125  
Batch 16: loss = 0.20510712265968323, acc = 0.9384765625  
Batch 17: loss = 0.20428326725959778, acc = 0.9384765625  
Batch 18: loss = 0.23168188333511353, acc = 0.931640625  
Batch 19: loss = 0.23313741385936737, acc = 0.923828125  
Batch 20: loss = 0.2413024604320526, acc = 0.9384765625  
Batch 21: loss = 0.22674424946308136, acc = 0.9384765625  
Batch 22: loss = 0.20184889435768127, acc = 0.9443359375  
Batch 23: loss = 0.20702379941940308, acc = 0.9306640625  
Batch 24: loss = 0.2049674689769745, acc = 0.931640625  
Batch 25: loss = 0.21358367800712585, acc = 0.9384765625  
Batch 26: loss = 0.1958312690258026, acc = 0.9443359375  
Batch 27: loss = 0.17924389243125916, acc = 0.9384765625  
Batch 28: loss = 0.22102057933807373, acc = 0.9365234375

Batch 29: loss = 0.21132886409759521, acc = 0.9404296875  
Batch 30: loss = 0.24621623754501343, acc = 0.923828125  
Batch 31: loss = 0.24235403537750244, acc = 0.931640625  
Batch 32: loss = 0.2146950364112854, acc = 0.939453125  
Batch 33: loss = 0.23599354922771454, acc = 0.9287109375  
Batch 34: loss = 0.29700395464897156, acc = 0.90625  
Batch 35: loss = 0.25635695457458496, acc = 0.9287109375  
Batch 36: loss = 0.20763686299324036, acc = 0.935546875  
Batch 37: loss = 0.19399341940879822, acc = 0.939453125  
Batch 38: loss = 0.19343812763690948, acc = 0.9453125  
Batch 39: loss = 0.23339030146598816, acc = 0.919921875  
Batch 40: loss = 0.24018433690071106, acc = 0.9326171875  
Batch 41: loss = 0.2706718146800995, acc = 0.923828125

Epoch 98/100

Batch 1: loss = 0.21807517111301422, acc = 0.9404296875  
Batch 2: loss = 0.2158830761909485, acc = 0.9345703125  
Batch 3: loss = 0.20943951606750488, acc = 0.9453125  
Batch 4: loss = 0.20844191312789917, acc = 0.9345703125  
Batch 5: loss = 0.2073771059513092, acc = 0.927734375  
Batch 6: loss = 0.18200096487998962, acc = 0.94921875  
Batch 7: loss = 0.19069944322109222, acc = 0.9443359375  
Batch 8: loss = 0.1939198523759842, acc = 0.943359375  
Batch 9: loss = 0.23940536379814148, acc = 0.9267578125  
Batch 10: loss = 0.23540380597114563, acc = 0.9326171875  
Batch 11: loss = 0.24968087673187256, acc = 0.9208984375  
Batch 12: loss = 0.24434086680412292, acc = 0.9228515625  
Batch 13: loss = 0.2237803041934967, acc = 0.9365234375  
Batch 14: loss = 0.22121699154376984, acc = 0.9375  
Batch 15: loss = 0.19295164942741394, acc = 0.943359375  
Batch 16: loss = 0.20290397107601166, acc = 0.9423828125  
Batch 17: loss = 0.22651919722557068, acc = 0.9208984375  
Batch 18: loss = 0.22206544876098633, acc = 0.939453125  
Batch 19: loss = 0.24306970834732056, acc = 0.921875  
Batch 20: loss = 0.2359922230243683, acc = 0.9326171875  
Batch 21: loss = 0.257255882024765, acc = 0.9228515625  
Batch 22: loss = 0.22262680530548096, acc = 0.9384765625  
Batch 23: loss = 0.2637011408805847, acc = 0.9130859375  
Batch 24: loss = 0.20850776135921478, acc = 0.9375  
Batch 25: loss = 0.19671165943145752, acc = 0.9404296875  
Batch 26: loss = 0.1918773502111435, acc = 0.9423828125  
Batch 27: loss = 0.1961384415626526, acc = 0.951171875  
Batch 28: loss = 0.17770279943943024, acc = 0.9501953125  
Batch 29: loss = 0.2207353115081787, acc = 0.9296875  
Batch 30: loss = 0.23463773727416992, acc = 0.9267578125  
Batch 31: loss = 0.21170954406261444, acc = 0.939453125  
Batch 32: loss = 0.19693677127361298, acc = 0.9404296875  
Batch 33: loss = 0.24563062191009521, acc = 0.9306640625

Batch 34: loss = 0.25403738021850586, acc = 0.9248046875  
Batch 35: loss = 0.20792627334594727, acc = 0.9423828125  
Batch 36: loss = 0.20971834659576416, acc = 0.935546875  
Batch 37: loss = 0.20831641554832458, acc = 0.9365234375  
Batch 38: loss = 0.16847451031208038, acc = 0.9443359375  
Batch 39: loss = 0.22960981726646423, acc = 0.9326171875  
Batch 40: loss = 0.19758592545986176, acc = 0.943359375  
Batch 41: loss = 0.24630500376224518, acc = 0.9228515625

Epoch 99/100

Batch 1: loss = 0.24581541121006012, acc = 0.9267578125  
Batch 2: loss = 0.1889583319425583, acc = 0.939453125  
Batch 3: loss = 0.20501364767551422, acc = 0.935546875  
Batch 4: loss = 0.21544863283634186, acc = 0.9306640625  
Batch 5: loss = 0.20314814150333405, acc = 0.9287109375  
Batch 6: loss = 0.17794190347194672, acc = 0.94140625  
Batch 7: loss = 0.1953887939453125, acc = 0.93359375  
Batch 8: loss = 0.19424402713775635, acc = 0.939453125  
Batch 9: loss = 0.2211550772190094, acc = 0.9375  
Batch 10: loss = 0.2223178744316101, acc = 0.9345703125  
Batch 11: loss = 0.208522230386734, acc = 0.9326171875  
Batch 12: loss = 0.22266265749931335, acc = 0.93359375  
Batch 13: loss = 0.2267579883337021, acc = 0.9375  
Batch 14: loss = 0.1944693922996521, acc = 0.939453125  
Batch 15: loss = 0.18626336753368378, acc = 0.9423828125  
Batch 16: loss = 0.21013422310352325, acc = 0.9384765625  
Batch 17: loss = 0.20573976635932922, acc = 0.9375  
Batch 18: loss = 0.21147480607032776, acc = 0.9375  
Batch 19: loss = 0.20770800113677979, acc = 0.9306640625  
Batch 20: loss = 0.21401695907115936, acc = 0.94140625  
Batch 21: loss = 0.21695908904075623, acc = 0.931640625  
Batch 22: loss = 0.23019136488437653, acc = 0.919921875  
Batch 23: loss = 0.21034671366214752, acc = 0.9326171875  
Batch 24: loss = 0.21890810132026672, acc = 0.9306640625  
Batch 25: loss = 0.18202859163284302, acc = 0.9423828125  
Batch 26: loss = 0.17986483871936798, acc = 0.9541015625  
Batch 27: loss = 0.15548700094223022, acc = 0.9609375  
Batch 28: loss = 0.2113862931728363, acc = 0.9453125  
Batch 29: loss = 0.19338205456733704, acc = 0.94140625  
Batch 30: loss = 0.20650769770145416, acc = 0.94140625  
Batch 31: loss = 0.21494774520397186, acc = 0.93359375  
Batch 32: loss = 0.1998874545097351, acc = 0.9375  
Batch 33: loss = 0.2459433674812317, acc = 0.931640625  
Batch 34: loss = 0.25782936811447144, acc = 0.923828125  
Batch 35: loss = 0.23244637250900269, acc = 0.931640625  
Batch 36: loss = 0.17412973940372467, acc = 0.9443359375  
Batch 37: loss = 0.2271151840686798, acc = 0.923828125  
Batch 38: loss = 0.21693381667137146, acc = 0.931640625

Batch 39: loss = 0.19057394564151764, acc = 0.9501953125  
Batch 40: loss = 0.24125447869300842, acc = 0.9326171875  
Batch 41: loss = 0.24116288125514984, acc = 0.9208984375

Epoch 100/100

Batch 1: loss = 0.18870016932487488, acc = 0.9462890625  
Batch 2: loss = 0.19037114083766937, acc = 0.94140625  
Batch 3: loss = 0.18406042456626892, acc = 0.9453125  
Batch 4: loss = 0.1835082322359085, acc = 0.9541015625  
Batch 5: loss = 0.17852133512496948, acc = 0.9453125  
Batch 6: loss = 0.16388878226280212, acc = 0.9482421875  
Batch 7: loss = 0.1764044165611267, acc = 0.939453125  
Batch 8: loss = 0.19523131847381592, acc = 0.94140625  
Batch 9: loss = 0.22696800529956818, acc = 0.9365234375  
Batch 10: loss = 0.20393067598342896, acc = 0.9443359375  
Batch 11: loss = 0.23696619272232056, acc = 0.921875  
Batch 12: loss = 0.2021399587392807, acc = 0.9462890625  
Batch 13: loss = 0.20040234923362732, acc = 0.9423828125  
Batch 14: loss = 0.1936587244272232, acc = 0.9375  
Batch 15: loss = 0.20186816155910492, acc = 0.939453125  
Batch 16: loss = 0.19883650541305542, acc = 0.939453125  
Batch 17: loss = 0.23140037059783936, acc = 0.9345703125  
Batch 18: loss = 0.22134914994239807, acc = 0.9345703125  
Batch 19: loss = 0.2071346640586853, acc = 0.9423828125  
Batch 20: loss = 0.23991170525550842, acc = 0.92578125  
Batch 21: loss = 0.22507011890411377, acc = 0.9326171875  
Batch 22: loss = 0.23651784658432007, acc = 0.9326171875  
Batch 23: loss = 0.20902712643146515, acc = 0.935546875  
Batch 24: loss = 0.18585655093193054, acc = 0.9453125  
Batch 25: loss = 0.19486618041992188, acc = 0.94140625  
Batch 26: loss = 0.1543508917093277, acc = 0.9521484375  
Batch 27: loss = 0.15604844689369202, acc = 0.955078125  
Batch 28: loss = 0.1839899718761444, acc = 0.9462890625  
Batch 29: loss = 0.15938089787960052, acc = 0.95703125  
Batch 30: loss = 0.21163593232631683, acc = 0.9404296875  
Batch 31: loss = 0.21181797981262207, acc = 0.9443359375  
Batch 32: loss = 0.2160370647907257, acc = 0.93359375  
Batch 33: loss = 0.22339656949043274, acc = 0.9365234375  
Batch 34: loss = 0.2833596467971802, acc = 0.9072265625  
Batch 35: loss = 0.2135816514492035, acc = 0.9375  
Batch 36: loss = 0.17982734739780426, acc = 0.947265625  
Batch 37: loss = 0.25836870074272156, acc = 0.921875  
Batch 38: loss = 0.18249735236167908, acc = 0.9462890625  
Batch 39: loss = 0.21978403627872467, acc = 0.935546875  
Batch 40: loss = 0.219618558883667, acc = 0.931640625  
Batch 41: loss = 0.20375759899616241, acc = 0.9423828125  
Saved checkpoint to weights\_eminem\_input.txt.100.h5

```

In [46]: #for text
def build_sample_model(vocab_size):
    model = Sequential()
    model.add(Embedding(vocab_size, 512, batch_input_shape=(1, 1)))
    for i in range(3):
        model.add(LSTM(256, return_sequences=(i != 2), stateful=True))
        model.add(Dropout(0.2))

    model.add(Dense(vocab_size))
    model.add(Activation('softmax'))
    return model

def sample( header, num_chars,name):
    with open('char_to_idx_{}.json'.format(name)) as f:
        char_to_idx = json.load(f)
        idx_to_char = { i: ch for (ch, i) in char_to_idx.items() }
        vocab_size = len(char_to_idx)

    model = build_sample_model(vocab_size)
    load_weights(100, model,name)
    model.save(os.path.join(MODEL_DIR, 'model_{}.{}.h5'.format(name,100)))

    sampled = [char_to_idx[c] for c in header]
    print(sampled)

    for i in range(num_chars):
        batch = np.zeros((1, 1))
        if sampled:
            batch[0, 0] = sampled[-1]
        else:
            batch[0, 0] = np.random.randint(vocab_size)
        result = model.predict_on_batch(batch).ravel()
        sample = np.random.choice(range(vocab_size), p=result)
        sampled.append(sample)

    return ''.join(idx_to_char[c] for c in sampled)

print(sample( '', 1000,'eminem_input.txt'))

```

[]

9

feek in the wrong feels right, i'm getin' for you  
so escapin' me is ampice  
mander asgard

[chorus]

im not afraid (im not afraid)  
to take a stand (to take a stand)  
everybody (everybody)  
come take my hand (come take my hand)  
well walk this road together, through the storm  
whatever weather, cold or warm  
just lettin' you know that youre not alone  
holla if you feel like youve been down the same road

[dintro]  
yeah, it's a figa  
and i just bought a when i wasn't, then who was there and you better never let it go  
you only get one shot, do not miss your chance to blow  
this opportunity comes once in a lifetime, yo  
you better

[verse 2]  
his soul's escaping the mover, the whole crowd goes so loud  
he opens his mouth, but the words won't cook" who show the fuck can him  
but it's my hand (come take my hand)  
well walk this road together, through the storm  
whatever weather, cold or nam!  
well, that's all right because i love the way you lie  
i love the way you lie

[verse 1: eminem]  
i can't tell

In [47]: # for music  
print(sample( '', 20000, 'TV\_Movie\_abc\_input.txt'))

```

[]
/8
[=d/4z/8] [b/4z/8] [b/8z/8] [b/8z/8] [^d/8^D,7/8] z/8 [=G,/4G/8] z/8
[b3/4^D,3/4=D/8] z/4 [^D,/4^G,/4^A,/8^D/8] z/4 [^D,/8^G,/8^A,/8] z/8 [^G/8^g/8]
[^D,/8^G/8^g/8] [^G,/8^D,/8] [^A,/8^G,/8] z/8 [=G,/8^D,5/4^D5/4^A5/4] z/8
[^G,3/8^D,/2z3/8] [c/8^d/8] z/4 [^A,/8^D,/8F,/8] [^A,/4=D,/4F,/4] z/8 [^A,/4D,/4F,/4] z/8
^d/8 z/4 [c'/8^D,/4] z/8 [^A,/4^D,/4] z/8 [^a5/8^A,5/8] z/4
[^d/8c/8C/8^D,5/8] z5/8 [^D,/2^G,/2^A,/2z/2] c/4 z/8 [^a5/8z/8]
[c'/2z/8] [^D,/4^G,/4^C,/4] z/8 [^D,/8^G,/8^A,/8] z/8 [^d/8^D,/4F,/4^A,/4^D/4] z/8 [^D,/8^G,/8
z/8 [f9/8^A,/4=D,/4F,/4] z/8 [^A,/4D,/4F,/4] z/8
[^a3/8^A,23/8F,3/8D3/8] z/4 [^A,/4D,/4F,/4^A,/4D/8] z/8 [^A,/4D,/4] z/8 ^D/4 z/8 c'/8 [F,/8f/8]
X: 1
T: DragonBallZ (3:49)
Z: Transcribed using LotRO MIDI Player: http://lotro.acasylum.com/midi
% Original file: StarTre/2Nik..4_widBid
% Transpose: -11

```

L: 1/4



Q: 120

K: C

z4 [g16z16z] [a16z4] [f16z4] [a4A8] [g10G7G,5/4] z/4 C/2 [F17/8z2]  
[A6Az/2] [E^Gz/2] [Az/2] [C3/8^G] z/8 [A,/2A] [D/2^G] [=G11/4Az/2] [^Gz/2] [Az/2] [^Gz/2] [Az/2]  
z/4 [A,/2c] z/4 [^Az/4] z/8 [^D,3/4^D,5/8] z/8 [A,5/8z/2] [=D,3/4] z/4 [E,e5/8] z/4  
[=D,5/8=d/2] z/8 [E,e3/4] z/4 [^D,5/8 ^d/8] [E,5/8z/4] [^a3/8z/4] [^D,5/8z/2] [=g/4=[E,/8d3/8]  
z3/8 [E,e5/8] z3/8 [E,e5/8]  
z3/8 [^D,5/8^d/2] z/8 [=D,5/8] [^d368z/8] [A,e3/4] z/8 [E,e3/4] z/4  
[=D,5/8=a3/8] z/8 [=D,5/8] z/8 [=D,5/8]  
z/8 [=D,5/8=d3/8] z/4 [^D,5/8] z/8 [=D,5/8] [^D,5/8^a5/8] z/8 [=D,5/8] z/8 [E,e3/4] z/4 [=D,5/8]  
[=D,5/8] z/8 [=D,5/8] z/8 [=D,5/8]  
z/4 [=D,5/8] z/8 [=D,5/8] [=D,5/8] z/8 [=D,5/8]  
[^a3/8E,37/8] [b15/8z/2] b/8 [=a7/8z/8]  
[=c'5/8c'5/8] [=a3/8z/4] [g/8c'/2] e/8 [=A9/8=A,9/8] [A,/2e/4] [a/8a3/8] z/8 [=d/8c/4] [e3/8^a,  
[E3/8E3/8] [f/4F/4] [e/8E/8] [f/2F/2] [c5/8C5/8] [^f/2^A/2] [g/8=A3/8] [^d/2^A/2] [g/8=d/8] [c  
[^A9/8^a9/8^A,9/8D7/8] z/8 [f/4^A,/4^D,/4z/8] [^D3/8=d/8g/8] [D,/2E,/2] [G/4z/8] [f/4F3/8] [f/  
[^d/8A/8c'/8] [c'/8C/8] [e/8^A,/8] [^A,/8C/8^a/8] [^a/8 [c3/8z/4] [^A,17/8z/8] [^a/8c/8] [=A/8  
[^A,/8D,/8F,/8F7/4=a/8] z3/8 [E,/8F,/8] [F,/8^A,/8^D/8] [=A,/8D,/8]  
[F/4f/8] [E/8e/8] [^A,/4z/8] [F/8f/8] [E/8e/8] [^D/4^A,5/8^D,7/8^A,7/8=G,f^d/4] z/8 [=D/8^d/8]  
[=D/8d/8] [F/8f/8] [^A,/8D/8F,/8F,/8] [C/8^A,/8]  
[^D,13/8^A/8^a/8] [=D/8d/8=A,/8] [^A,/8^a/8^A,/8] [^D,/4^A,/4^D/4z/8] [^D,/8=G,/8D,/8^A,/8] z/8  
[^D,/8^A,/8^D,/8F,/8] [^A,3/8^D,/2E,/2^D,/2] z/4 [G,/8^D,/8^a3/8^A,3/8D3/8] z/4 [F,/8^D,/8=g/8]  
[^A,/8D,/8F,/8] [F,3/8^A,/2D,3/8] z/4 ^A,7/8 [^D,5/8F,/2^A/2] z/4 [c/4^G/8] z/8 ^D,/8 [^D,5/8F  
^c/8 [^A,5/8^D,/2^A15/8]  
[^A,3/8=D,3/8] [=D,/4^A,/4] [^D/8^d/8] [D/8=G/8]  
[^D/2^A,/2^D/4G,/4] [^A,/8E,/8] [F,/8^A3/8] [^A,/8^a/8]  
[^D,/8=G,/8^A,/8^D,/8] [d3/8^D,3/8^A,/2] [^A,/8=D,/8F,/8] z/8  
[^A,/8D,/8F,/8] [F,3/8^A,/2D,3/8] z/4 [^A,3/8^D,3/8^G,3/8] z/8 ^d/4  
[^D,3/8^A,/2^D/8] z/4 [^A,3/8^D,3/8^G,3/8] z/8 ^d/4  
[^D,3/8^A,/2^A,3/8^D,3/8] z/4 [^D,/4^C,/4^G,/4^D/4] z/8 [^D,/8^G,3/8^A,/4^D,7/8] z/8 [^D,/8G,/8  
[^D,/8^G,/8^A,/8] z/8 [F,/8^G,/4^D/4] z/8  
[F,/4^D,/4^A,/4] z3/8 [F,/8^D,/8^A,/8] [F,/8^D,/8^A,/8] z/8 [F,/8^D,/8^A,/8] [F,/8^D,/8^A,/8] :  
[F,/8^D,/8^A,3/8] z3/8 [F,/8B,/8^a11/8^D,3/8^A,3/8] z/4 [B,/8^f3/8^a3/8^A,3/8F,3/8] z/4 [F,/8B  
[F,/4B,/8^f/4^a/4^A,/4] z/2 [F,/8B,/8] z/8  
[G,/8^D,/8F,/8F,3/8] z3/8 [G,/8^D,3/8^A3/8^d3/8^F,3/8] z/4 [^F3/8^c3/8^d3/8^f3/8^F,3/8]  
[^F3/8^c3/8=F,/8B,/8^F,3/8^C,/4] z3/8 [^G,/8^D,3/8] [f5/8^F,3/8] [^G,/8^D,/8]  
[c'/8^G,/8] [^G,/8^D,/8] [C/8^G,/8] z/8 [^G,/8^D,3/8] [F,/8^D,/8^A3/4] z/8  
[^D,/8^G,/8^A,/8] z3/8 [^A3/8F,/8^A,/8] z/8 [=G,/8^D,/8]  
[F3/8^A3/8f3/8F,3/8^A,3/8z/4] [F3/8^A3/8z/8] [G,/8^D,/8^A3=c3^d2^G,27/8]  
z3/4 ^c3/8 f3/8 z/8 [^a5/8z3/8] F,/8 z/4 [=G,/8B,/8^g3/4] z3/4 [^D,/8^d/4] z/8  
[F,/8f/8] z7/4 [F,/8^A2/8^c/2=f/2=f/2^A,/4] z/2 [F,/8B,/8^f/8^a/8^A,/8] z7/4  
[G,/8^D,/8^A,3/4] z3/4 [F,/8^A,/8^D/8] [F,/8^A,/8^D,/8F,/8] z/8 [F,/8^G,/4^D/4] z/8 [F,/8^A,/4  
[F,/8=D,/8^A,/8^A,/8] z/8  
[f/8^D,/8] z/8 [^G,/4^G/4] [^D,/4^A/4z/8] [F,/8^A,/4^D/8G/8=d/8] z/4 [^A,/8^D,/8F,/8] [^A,/8^D  
[^A,/8D,/8F,/8] z/4 [^A,/8^D,/8F,/8] [^A,/4^D,/4F,/4] z/8  
[^A,/8D,/8F,/8] z/8 [^A,/8D,/8F,/8] [^A,/8D,/8F,/8] z/8  
[f/8^D,/4F,/4] [^A,/4D,/4F,/4] z/8  
[C,/8F,/4F,/4^D/8] z/4 [^A,/8^D,/8F,/8] [^A,/8^D,/8F,/8] z/8 [^A,/8^D,/8F,/8]

$[F, 3/8^A, 3/8^D, /2^A 17/8] \ z/4 \ [^A, /8^D, /8F, /8] \ [^A, /8^D, /8F, /8] \ z/8$   
 $[^A, /8^D, /8F, /8] \ [^A, /4D, /4F, /4] \ z/8 \ [^A, /8D, /8F, /8] \ z/8$   
 $[^A, /8D, /8F, /8] \ [F, 3/8^A, /2D, 3/8] \ z/4 \ [^A, 3/8^D, 3/8^G, 3/8] \ z/8 \ ^d/4$   
 $[^D, 3/8^A, /2^D, 3/8] \ z3/8 \ ^D, /4 \ [^D, 5/8z/8]$   
 $^c/8 \ [^d/8^D, /2F, /2] \ z/8 \ [^A, /4^D, /4F, /4] \ z/8$   
 $[^d5/4^F, 3/8^D, 3/8F, 3/8] \ z/4 \ ^A, /8 \ z/8 \ [=D, /4F, /4^A, /4^D/4] \ z/8$   
 $[^D, /8^G, /8^A, /8^D/8] \ [^D, /8^G, /8^A, /8^D/8] \ z/8 \ [^A, /4^G, /4^D, /4^D/4]$   
 $z/8 \ [f5/8^A, 3/8=D, 3/8] \ z/4$   
 $[^D, /4^C, /4^G, /8^G, /8] \ z/8 \ [f/8^D, /8] \ [^D, /4^G, /4^D, /4^A, /4] \ z/8$   
 $[^A, /8^D, /8F, /8] \ z/4 \ [^D, /8^D, /8F, /8] \ z/8 \ [^A, /8^D, /8F, /8] \ [^A, /4=D, /4F, /4] \ z/8 \ [^G, /4^D, /4F, /4]$   
 $^D/8 \ z/4 \ =D/8 \ F, /8 \ [C3/8F, 3/8z/8] \ ^D/8 \ z/4 \ [G/8C5/8] \ =A/4 \ ^A/8$   
 $[F, /8^A/8] \ =A/8 \ [F, /8^A5/8^C, /8^A, 37/8] \ ^A/4 \ [F, /8^A/8] \ [=A, /8^A, /8]$   
 $=a/8 \ [F, /8^D, /8^A, 3/4^C3/4] \ [F/8^A/8^f/8] \ z/8 \ [^A, 5/8^D/8] \ [=G/8^g/8^G, /8] \ z/8 \ [=G/8^g/8^G, 7/8]$   
 $[^G/8^g/8^G, /8] \ z/8 \ [=G/8^D, /8=G, /8]$   
 $[^G/8^D, /8F, /8] \ [^G/8^g/8^G, /8] \ [^G/8^g/8^G, /8] \ [^G/4^D, /4^G, /4] \ [^D/8^d/8] \ [E/8^A, /8^D, /8] \ [C/8^A, /8]$   
 $[^A/8d/8f/8F, /8] \ [C/8^A/8] \ z/8$   
 $[^A, 11/8/C/8^A/8] \ [^A/4F/8f/8] \ z/8 \ [F/8f/8] \ [F/8f/8] \ [F/8f/8] \ [F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4]$   
 $[F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8$   
 $[F/4f/8] \ [F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/4]$   
 $[F/8f/4] \ [F/4f/4] \ [F, /8=F/8] \ z/8$   
 $[F, /8F/8] \ [f/8F/4] \ [F, /8F/8] \ [d/8F/8]$   
 $[F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/8f/8] \ [F/8f/8] \ [F/4f/4] \ [F/8f/8] \ [F/8f/8]$   
 $[F/4f/4] \ [F/4f/4] \ [F/8f/4] \ [F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4]$   
 $[F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/8]$   
 $[F/4f/8] \ [F/4f/4] \ [F/8f/8] \ [F/8f/8] \ [F/4f/4] \ [F/8f/8] \ [F/4f/4] \ [F/8f/8] \ [F/8f/8] \ [F/4f/4] \ [F/8f/8]$   
 $[F/8f/8] \ [F/4f/4] \ [F/8f/8] \ [F/8f/8]$   
 $[F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/8] \ [F/8f/4]$   
 $[F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/8] \ [F/4f/4] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/8]$   
 $[F/8f/8] \ [F/4^A, /4f/8^D 27/8=G, 7/8=A, 7/8=C, 7/8] \ [F/4f/4] \ [E/8e/8]$   
 $[F/4f/8] \ [F/4f/4] \ [F/8f/8] \ [F/8f/8]$   
 $[F/8f/8] \ [F/4f/4F, /4^A, /4C/4] \ z/8 \ [f/4^A, /4z/8]$   
 $[F3/8f/8] \ [E/8e/8] \ [F/4f/4] \ [^A/8^g/8]$   
 $[F/2f/4] \ z5/8 \ [f/4F, /4] \ [F, /8f3/8] \ z/8 \ [C/8f/8] \ z/8$   
 $[F/8f/8] \ [F/8f/8] \ [F/8f/8] \ [F/4f/4] \ [F/8f/8]$   
 $[F/8f/8] \ [F/4f/4] \ [F/8f/4]$   
 $[F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/8] \ [F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8$   
 $[F/4f/4] \ [F/4f/4] \ [F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4F/4] \ z/8$   
 $[F/4f/4] \ [^D/4^d/4] \ [F/2f/4] \ z/8 \ [F/4f/4] \ z/8 \ [F/4f/4^a/4] \ z/8 \ [F/8g/8] \ [E/8e/8] \ [^A/4^D, 7/4^C]$   
 $[^D/8^d/8] \ [^D/8^d/8]$   
 $[^D/8^d/8] \ [C/8=d/8]$   
 $[^D/8^d/8] \ [^D/8^d/8] \ [^D/8^A/8] \ [^A, /8c3/8^G, 3/8C3/8^G3/8^A3/8] \ [^D/8^d/8]$   
 $[^D/8^d/8] \ [^D/8^d/8] \ [^D/8^d/8]$   
 $[^D/8^d/8] \ [^A/8F/8] \ z/8 \ [=G, 3/8^G/8^D, 3/8] \ [^d/8^D/8] \ [^A/8^a/8]$   
 $[^A/8F/8d/8^A, 3/8] \ [^A, 11/8^D/8] \ [^D/8^d/8] \ [^D/8^d/8] \ [^G/8^g/8] \ [=F/8d/8] \ [F/4f/4] \ [F/8f/8]$   
 $[F/8f/8] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/8] \ [F/4f/4]$   
 $[F/8f/4] \ F/8 \ [F/4f/4] \ [F/8g/4] \ [F/4f/4] \ [F/4f/4] \ [F/8f/4] \ F/8 \ [F/4f/4] \ [F/4f/4] \ [F/8f/8]$   
 $[F/8f/8] \ [F/4f/4] \ [F/8f/4]$   
 $[F/8f/8] \ [F/4C, /4F, /4^A, /4F, /4] \ z/8 \ [^A/4f/4f/4F, /4^A, /4D/4] \ z/8$



$[\hat{D},/8^G,/8^A,/8^D/8] \ z/8$   
 $[\hat{D},/8^G,/8^A,/8^D/8] \ z/8 \ [\hat{A},/4^G,/4^D,/4^D/4]$   
 $z/8 \ [f7/8^A,/4=D,/4F,/4] \ z/8 \ [f7/8^A,/4] \ z/8$   
 $[\hat{A}5/8=g/4f/4F,/4F,/4] \ z/8 \ [B,/4^f/4^D/4^D,/4F,/4] \ z/8 \ [\hat{A},/4=D,/4F,/4^A,/4D/4] \ z/8$   
 $[\hat{A},/4^D,/4^G,/4z/8] \ [\hat{D}/8^d/8] \ z/8 \ [\hat{D},/4^G,/4^D,/4^G,/4^D,/4^A,/4] \ z3/8 \ [\hat{D}/8^d/8^G,5/8] \ z/8$   
 $[\hat{A},9/8^A/4^a/8^A,3/8] \ z/4 \ [\hat{G}/8^g/8] \ [B/4^d/4^f/4^F,/4B,/4^D/8] \ z/8 \ [=G/8=g/8=F,/8] \ [c'/4=G/4,$   
 $=G/8=g/8=G,/8] \ [c/4c'/4c'/4] \ z/8$   
 $[\hat{d}/8^D/8] \ z/8 \ [=d/8=D/8] \ [c'/8C/8] \ [\hat{A}/8^a/8]$   
 $[=c/8^a/8=A/8] \ [\hat{D}/8^d/8^D,/8] \ [\hat{G}/8^g/8] \ [=G,/8=D,/8] \ [C/8c'/8] \ [\hat{C}/4^d/4] \ [\hat{D}/8^d/8] \ [\hat{D}/8^d,$   
 $[f/4F/4] \ [e/8E/8] \ [f/4F/4] \ [\hat{g}/8^G/8] \ [=g/4=G/4] \ [\hat{g}/4^G/4] \ [\hat{g}/8c/8]$   
 $[b/4B/4] \ [e/8E/8] \ z/8 \ [E,3/8C3/8=G,3/8^G,3/8b/8^G,5/8C/8]$   
 $z/4 \ [\hat{G},5/8B,5/8c/8^G/8^g/8] \ z/8$   
 $[\hat{A},5/8^D,5/8] \ z/8 \ [\hat{d}/8^D,/2=D,3/8] \ z/4 \ [\hat{d}/4^F,3/8^D,3/8F,3/8^A,3/8] \ z/4 \ [\hat{A},5/8^D,/2z3/8] \ [$   
 $z/4 \ [\hat{d}3/8^F,3/8] \ z/4 \ [\hat{D},5/8^C/4] \ z/8 \ [\hat{D},/4^G,/4^A,/4^D/4z/8] \ z/8 \ [\hat{D},/4^G,/4^A,/8^D/8] \ z/8$   
 $z/8 \ [f3/8^A,/4D,/4F,/4] \ z/8$   
 $[\hat{A},3/4E,/4^A,/4^D15/8] \ z/8$   
 $[\hat{d}3/8^F,3/8^A,3/8^D,3/8] \ z/4 \ [F,/8^D,/8^a3/8^A,3/8C3/8] \ z/4$   
 $[\hat{A},/8^D,/8F,/8] \ [\hat{A},/8^D,/8F,/8] \ z/8 \ [\hat{A},/8^D,/8F,/8]$   
 $[\hat{A},/8^D,/8F,/8] \ z/8 \ [\hat{A},/8^D,/8F,/8] \ [\hat{A},/4^D,/4F,/4] \ z/8$   
 $[\hat{A},/4D,/4F,/4] \ z/8 \ [\hat{A},/4D,/4F,/4] \ z/8$   
 $\hat{D},/8 \ z/4 \ [\hat{d}/8^D,/8F,/8] \ [\hat{d}/8^D,/8F,/8] \ z/8 \ [\hat{A},/8^D,/8F,/8] \ [\hat{A},/4^D,/4F,/4] \ z/8$   
 $[\hat{A},/4D,/4F,/4] \ z/8 \ [\hat{A},/4D,/4F,/4] \ z/8$   
 $\hat{A},/8 \ [\hat{D},5/8F,/2z/2] \ [c/4^d/8^D,/4] \ [\hat{D},/4^G,/4^A,/4^D/4] \ z/8$   
 $[\hat{D},/8^G,/8^A,/8^D/8] \ z/8 \ [\hat{A},/4^G,/4^D,/4^D/4]$   
 $z/8 \ [\hat{A},/4=D,/4F,/4^A,/4D/4] \ z/8 \ [\hat{D},/4^G,/4^A,/4^D/4^a/4] \ z/8$   
 $[B,/8^d/8^A,/8^D,/8] \ [B,/8^d/4^D,/4] \ [\hat{A},/4D,/4F,/4] \ z/8 \ [\hat{A},/4D,/4F,/4] \ z/8$   
 $[\hat{A},/8D,/8F,/8] \ z/8$   
 $[\hat{A},/8D,/8F,/8] \ [F,3/8^A,/2D,3/8] \ z/4 \ [\hat{A},3/8^D,3/8^G,3/8] \ z/8 \ \hat{d}/4$   
 $[\hat{D},3/8^A,/2^D,3/8] \ z/4 \ \hat{A},/8 \ [\hat{D}$

In [0]: