In [0]:
```
1  from google.colab import drive
2  drive.mount('/content/drive')
```

Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force_remount=True).

In [14]:
```
1
2  import os
3  import numpy as np
4  import pandas as pd
5  import matplotlib.pyplot as plt
6  from scipy import pi
7  import cv2
8  import scipy.misc
9  import tensorflow as tf
```

In [1]:
```
1  import pandas as pd
```

In [ ]:
```
1  ! pip install scipy==1.1.0
```

In [15]:
```python
# Importing ans reading data
import scipy.misc
import random

xs = [] #will store all the image data
ys = [] #will store the target variable

#points to the end of the last batch
train_batch_pointer = 0 #which will act as a pointer for batch loading
val_batch_pointer = 0

#read data.txt
with open("driving_dataset/data.txt") as f:
    for line in f:
        xs.append("driving_dataset/" + line.split()[0])
        #the paper by Nvidia uses the inverse of the turning radius,
        #but steering wheel angle is proportional to the inverse of turning r
        #so the steering wheel angle in radians is used as the output
        ys.append(float(line.split()[1]) * scipy.pi / 180)

#get number of images
num_images = len(xs)

#gettig the training and validation datasets
train_xs = xs[:int(len(xs) * 0.7)] #we are considering first 70 percent data
train_ys = ys[:int(len(xs) * 0.7)]

val_xs = xs[-int(len(xs) * 0.3):] #last 30% data as test data
val_ys = ys[-int(len(xs) * 0.3):]

num_train_images = len(train_xs)
num_val_images = len(val_xs)

print('Number of images in training data is:',num_train_images)
print('Number of images in test data is:',num_val_images)
```

```
Number of images in training data is: 31784
Number of images in test data is: 13621
```

In [16]:
```
1 train_xs
```

Out[16]:
```
['driving_dataset/0.jpg',
 'driving_dataset/1.jpg',
 'driving_dataset/2.jpg',
 'driving_dataset/3.jpg',
 'driving_dataset/4.jpg',
 'driving_dataset/5.jpg',
 'driving_dataset/6.jpg',
 'driving_dataset/7.jpg',
 'driving_dataset/8.jpg',
 'driving_dataset/9.jpg',
 'driving_dataset/10.jpg',
 'driving_dataset/11.jpg',
 'driving_dataset/12.jpg',
 'driving_dataset/13.jpg',
 'driving_dataset/14.jpg',
 'driving_dataset/15.jpg',
 'driving_dataset/16.jpg',
 'driving_dataset/17.jpg',
 'driving_dataset/18.jpg',
```

In [17]:
```
1 %pylab inline
2 import matplotlib.pyplot as plt
3 import matplotlib.image as mpimg
4 img=mpimg.imread(train_xs[10514])
5 imgplot = plt.imshow(img)
6 plt.show()
```

Populating the interactive namespace from numpy and matplotlib

```
In [18]:   1  import warnings
           2  warnings.filterwarnings('ignore')
           3
           4  image_read = scipy.misc.imread(train_xs[0])# this reads the image and conferr
           5  print("original image size",image_read.shape)
           6
           7  #here we are cropping the image to get only the lower part which will be usef
           8  print("After taking the last 150 rows i.e lower part of the images where road
           9  image_read = image_read[-150:]
          10  resized_image = scipy.misc.imresize(image_read, [66, 200])
          11  print("After resizing the images into 66*200, ",resized_image.shape)
          12  # 200/66 = 455/150 = 3.0303 => we are keeping aspect ratio when we are resizi
```

```
original image size (256, 455, 3)
After taking the last 150 rows i.e lower part of the images where road is prese
nt,  (150, 455, 3)
After resizing the images into 66*200,  (66, 200, 3)
```

```
In [19]:   1
           2  fig = plt.figure(figsize = (10, 7))
           3  plt.hist(train_ys, bins = 50, histtype = "step")
           4  plt.hist(val_ys, bins = 50, histtype = "step")
           5  plt.title("Steering Wheel angle in train and test")
           6  plt.xlabel("Angle")
           7  plt.ylabel("Bin count")
           8  plt.show()
```
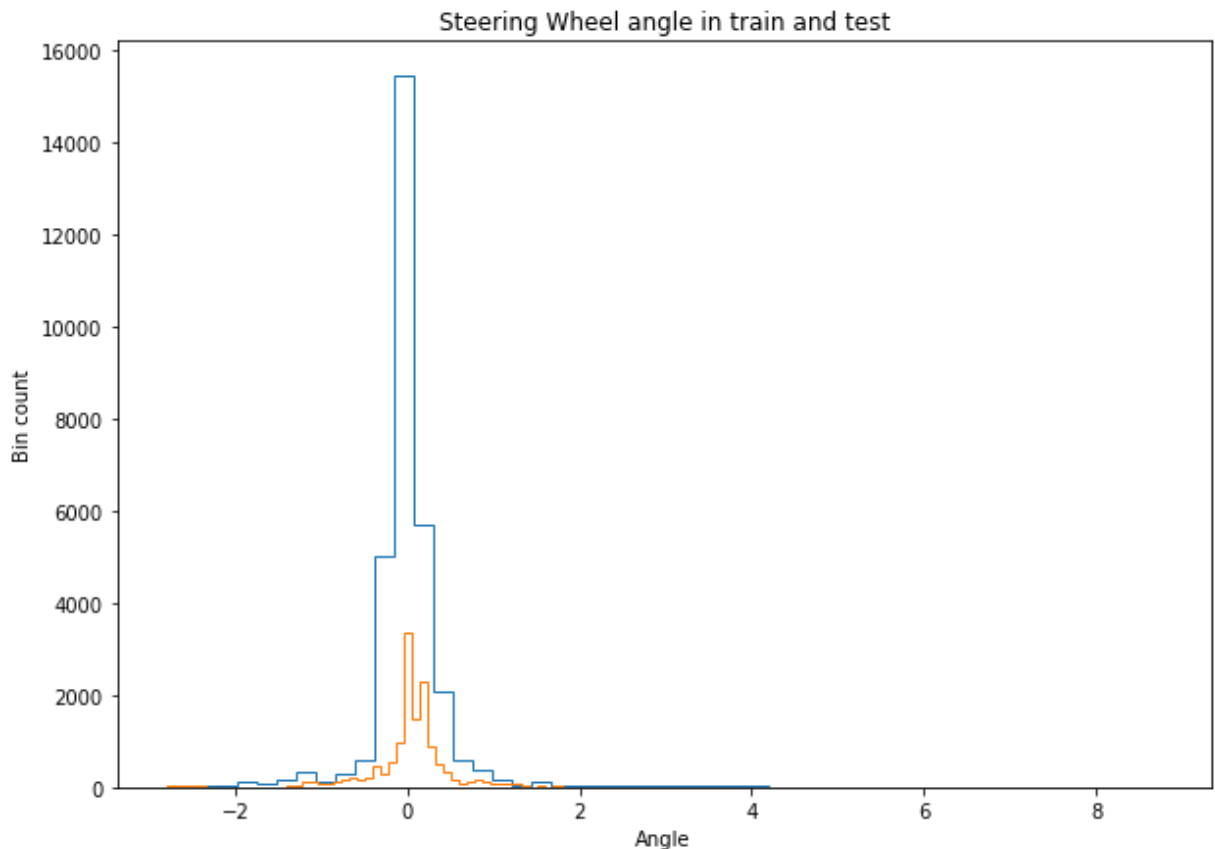
```python
In [20]:   1  #Model 0: Base line Model: y_test_pred = mean(y_train_i)
           2  import numpy as np
           3  train_mean_y = np.mean(train_ys)
           4
           5  print('Test_MSE(MEAN):%f' % np.mean(np.square(val_ys-train_mean_y)) )
           6  print('Test_MSE(ZERO):%f' % np.mean(np.square(val_ys)) )
           7
```

```
Test_MSE(MEAN):0.241559
Test_MSE(ZERO):0.241108
```

Functions for batch loading train and validation data

```python
In [21]:   1  #writing functions for trainig and cross validation
           2
           3  # you can break the whole line into parts like this
           4  # here (train_batch_pointer + i) % num_train_images => "% num_train_images" i
           5  # (train_batch_pointer + i) values should not cross number of train images.
           6
           7  def LoadTrainBatch(batch_size):
           8      """will load the training data images with certified batch size """
           9      global train_batch_pointer #defining global for train pointer
          10      x_out = []
          11      y_out = []
          12      for i in range(0, batch_size):
          13          x_out.append(scipy.misc.imresize(scipy.misc.imread(train_xs[(train_ba
          14
          15              #here (train_batch_pointer +i)%num_train_images is making sur
          16          y_out.append([train_ys[(train_batch_pointer + i) % num_train_images]]
          17      train_batch_pointer += batch_size
          18      return x_out, y_out
          19
          20  def LoadValBatch(batch_size):
          21      """will load the test data images with certified batch size"""
          22      global val_batch_pointer #defining gloabal for validation pointer
          23      x_out = []
          24      y_out = []
          25      for i in range(0, batch_size):
          26          x_out.append(scipy.misc.imresize(scipy.misc.imread(val_xs[(val_batch_
          27          y_out.append([val_ys[(val_batch_pointer + i) % num_val_images]])
          28      val_batch_pointer += batch_size
          29      return x_out, y_out
```

Deep learning architecture

```
In [22]:   1  import tensorflow as tf
           2  import scipy
           3
           4  def weight_variable(shape):
           5      initial = tf.truncated_normal(shape, stddev=0.1) #we are initializing the
           6                                      #with standard deviation o
           7      return tf.Variable(initial)
           8
           9  def bias_variable(shape):
          10
          11      initial = tf.constant(0.1, shape=shape)# constant with desired shape
          12      return tf.Variable(initial)
          13
          14  def conv2d(x, W, stride):
          15
          16
          17      return tf.nn.conv2d(x, W, strides=[1, stride, stride, 1], padding='VALID'
          18
```

```
In [23]:   1
           2  x_input = tf.placeholder(tf.float32, shape=[None, 66, 200, 3])
           3  #for the images where 66*200*3 signifies the 3d tensor of this size
           4  #None signifies that we are using batch size here
           5
           6  y_ = tf.placeholder(tf.float32, shape=[None, 1])#for the output variable
           7
           8  x_image = x_input #input image
```

In [24]:

```python
"""
First convolution layer
"""
#as we have 4 dim input [batch, in_height, in_width, in_channels]
# but we have to apply all these for [in_height, in_width] so we will make fi
W_conv1 = weight_variable([5, 5, 3, 24])
b_conv1 = bias_variable([24])
h_conv1 = tf.nn.relu(conv2d(x_image, W_conv1, 2) + b_conv1)#output of first c
                                                           #input for second c

"""
Second convolution layer
 """
W_conv2 = weight_variable([5, 5, 24, 36])
b_conv2 = bias_variable([36])
h_conv2 = tf.nn.relu(conv2d(h_conv1, W_conv2, 2) + b_conv2)#output after 2nd
                                                           #input for third

"""
Third convolution layer
"""
W_conv3 = weight_variable([5, 5, 36, 48])
b_conv3 = bias_variable([48])
h_conv3 = tf.nn.relu(conv2d(h_conv2, W_conv3, 2) + b_conv3)#output after 3rd

"""Fourth convolution layer"""
W_conv4 = weight_variable([3, 3, 48, 64])
b_conv4 = bias_variable([64])
h_conv4 = tf.nn.relu(conv2d(h_conv3, W_conv4, 1) + b_conv4)#output after 4th

"""Ffith convolution layer"""
W_conv5 = weight_variable([3, 3, 64, 64])
b_conv5 = bias_variable([64])
h_conv5 = tf.nn.relu(conv2d(h_conv4, W_conv5, 1) + b_conv5)#output after 5th

"""Fully connected layer 1"""
keep_prob = tf.placeholder(tf.float32)#for adding dropout layer
W_fc1 = weight_variable([1152, 1164])
b_fc1 = bias_variable([1164])
h_conv5_flat = tf.reshape(h_conv5, [-1, 1152])#flattening layer
h_fc1 = tf.nn.relu(tf.matmul(h_conv5_flat, W_fc1) + b_fc1)#output of first fu
h_fc1_drop = tf.nn.dropout(h_fc1, keep_prob)#adding the dropout layer

"""Fully connected layer 2"""
W_fc2 = weight_variable([1164, 100])
b_fc2 = bias_variable([100])
h_fc2 = tf.nn.relu(tf.matmul(h_fc1_drop, W_fc2) + b_fc2)#output of second ful
h_fc2_drop = tf.nn.dropout(h_fc2, keep_prob)

"""Fully connected layer 3"""
W_fc3 = weight_variable([100, 50])
b_fc3 = bias_variable([50])
h_fc3 = tf.nn.relu(tf.matmul(h_fc2_drop, W_fc3) + b_fc3)#output of third full
h_fc3_drop = tf.nn.dropout(h_fc3, keep_prob)

"""Fully coonected layer 4"""
```

```
57  W_fc4 = weight_variable([50, 10])
58  b_fc4 = bias_variable([10])
59  h_fc4 = tf.nn.relu(tf.matmul(h_fc3_drop, W_fc4) + b_fc4)#output of fourth ful
60  h_fc4_drop = tf.nn.dropout(h_fc4, keep_prob)
61
62  """Output layer"""
63  W_fc5 = weight_variable([10, 1])
64  b_fc5 = bias_variable([1])
65  #for the final layer we will be considering the linear activation insted of a
66  #where it will return us the same shape and content tensor
67  y_pred = tf.identity(tf.matmul(h_fc4_drop, W_fc5) + b_fc5)#scale the atan out
```

Training the model

In [9]:
```python
import os
import tensorflow as tf
from tensorflow.core.protobuf import saver_pb2

start = datetime.datetime.now()
LOGDIR = './save'
import warnings
warnings.filterwarnings('ignore')
sess = tf.InteractiveSession()

L2NormConst = 0.001

train_vars = tf.trainable_variables()

loss = tf.reduce_mean(tf.square(tf.subtract(val_ys,y_pred))) + tf.add_n([tf.n
train_step = tf.train.AdamOptimizer(1e-3).minimize(loss)
sess.run(tf.initialize_all_variables())

# create a summary to monitor cost tensor
tf.summary.scalar("loss", loss)
# merge all summaries into a single op
merged_summary_op =  tf.summary.merge_all()

saver = tf.train.Saver(write_version = saver_pb2.SaverDef.V1)

# op to write logs to Tensorboard
logs_path = './logs'
summary_writer = tf.summary.FileWriter(logs_path, graph=tf.get_default_graph(

epochs = 30
batch_size = 100

# train over the dataset about 30 times
for epoch in range(epochs):


    for i in range(int(num_images/batch_size)):
        xs, ys = LoadTrainBatch(batch_size)
        train_step.run(feed_dict={x_input: xs,y_: ys,keep_prob: 0.5})
        if i % 10 == 0:
            xs, ys = LoadValBatch(batch_size)
            loss_value = loss.eval(feed_dict={x_input:xs, y_: ys,keep_prob: 0
            print("Epoch: %d, Step: %d, Loss: %g" % (epoch, epoch * batch_siz

    # write logs at every iteration
        summary = merged_summary_op.eval(feed_dict={x_input:xs,y_: ys,keep_pr
        summary_writer.add_summary(summary, epoch * num_images/batch_size + i

        if i % batch_size == 0:

            if not os.path.exists(LOGDIR):

                os.makedirs(LOGDIR)
            checkpoint_path = os.path.join(LOGDIR, "model.ckpt")
            filename = saver.save(sess, checkpoint_path)
    print("Model saved in file: %s" % filename)
```

```
57
58   print("Run the command line:\n" \
59           "--> tensorboard --logdir=./logs " \
60           "\nThen open http://0.0.0.0:6006/ into your web browser")
61
```

```
WARNING:tensorflow:From E:\anaconda\lib\site-packages\tensorflow\python\util\tf
_should_use.py:189: initialize_all_variables (from tensorflow.python.ops.variab
les) is deprecated and will be removed after 2017-03-02.
Instructions for updating:
Use `tf.global_variables_initializer` instead.
Epoch: 0, Step: 0, Loss: 6.81469
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 0, Step: 10, Loss: 5.87687
Epoch: 0, Step: 20, Loss: 5.42303
Epoch: 0, Step: 30, Loss: 5.00916
Epoch: 0, Step: 40, Loss: 4.63815
Epoch: 0, Step: 50, Loss: 4.31129
Epoch: 0, Step: 60, Loss: 4.0232
Epoch: 0, Step: 70, Loss: 3.76908
Epoch: 0, Step: 80, Loss: 3.5453
Epoch: 0, Step: 90, Loss: 3.34729
Epoch: 0, Step: 100, Loss: 3.17195
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 0, Step: 110, Loss: 3.01621
Epoch: 0, Step: 120, Loss: 2.87765
Epoch: 0, Step: 130, Loss: 2.75342
Epoch: 0, Step: 140, Loss: 2.6418
Epoch: 0, Step: 150, Loss: 2.54147
Epoch: 0, Step: 160, Loss: 2.45039
Epoch: 0, Step: 170, Loss: 2.3677
Epoch: 0, Step: 180, Loss: 2.29206
Epoch: 0, Step: 190, Loss: 2.22274
Epoch: 0, Step: 200, Loss: 2.15889
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 0, Step: 210, Loss: 2.09971
Epoch: 0, Step: 220, Loss: 2.04484
Epoch: 0, Step: 230, Loss: 1.99357
Epoch: 0, Step: 240, Loss: 1.94558
Epoch: 0, Step: 250, Loss: 1.90044
Epoch: 0, Step: 260, Loss: 1.85772
```

```
Epoch: 0, Step: 270, Loss: 1.81744
Epoch: 0, Step: 280, Loss: 1.77929
Epoch: 0, Step: 290, Loss: 1.7429
Epoch: 0, Step: 300, Loss: 1.70816
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 0, Step: 310, Loss: 1.67495
Epoch: 0, Step: 320, Loss: 1.64318
Epoch: 0, Step: 330, Loss: 1.61265
Epoch: 0, Step: 340, Loss: 1.58326
Epoch: 0, Step: 350, Loss: 1.55501
Epoch: 0, Step: 360, Loss: 1.52778
Epoch: 0, Step: 370, Loss: 1.50156
Epoch: 0, Step: 380, Loss: 1.4761
Epoch: 0, Step: 390, Loss: 1.4515
Epoch: 0, Step: 400, Loss: 1.42783
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 0, Step: 410, Loss: 1.40469
Epoch: 0, Step: 420, Loss: 1.38234
Epoch: 0, Step: 430, Loss: 1.36063
Epoch: 0, Step: 440, Loss: 1.33955
Epoch: 0, Step: 450, Loss: 1.31909
Model saved in file: ./save\model.ckpt
Epoch: 1, Step: 100, Loss: 1.31107
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 1, Step: 110, Loss: 1.29135
Epoch: 1, Step: 120, Loss: 1.27218
Epoch: 1, Step: 130, Loss: 1.25356
Epoch: 1, Step: 140, Loss: 1.23544
Epoch: 1, Step: 150, Loss: 1.21776
Epoch: 1, Step: 160, Loss: 1.20053
Epoch: 1, Step: 170, Loss: 1.18375
Epoch: 1, Step: 180, Loss: 1.16735
Epoch: 1, Step: 190, Loss: 1.15134
Epoch: 1, Step: 200, Loss: 1.13582
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 1, Step: 210, Loss: 1.12056
Epoch: 1, Step: 220, Loss: 1.10573
```

```
Epoch: 1, Step: 230, Loss: 1.09118
Epoch: 1, Step: 240, Loss: 1.07699
Epoch: 1, Step: 250, Loss: 1.06313
Epoch: 1, Step: 260, Loss: 1.04959
Epoch: 1, Step: 270, Loss: 1.03636
Epoch: 1, Step: 280, Loss: 1.02341
Epoch: 1, Step: 290, Loss: 1.01075
Epoch: 1, Step: 300, Loss: 0.998354
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 1, Step: 310, Loss: 0.986219
Epoch: 1, Step: 320, Loss: 0.974351
Epoch: 1, Step: 330, Loss: 0.962734
Epoch: 1, Step: 340, Loss: 0.951388
Epoch: 1, Step: 350, Loss: 0.940215
Epoch: 1, Step: 360, Loss: 0.929316
Epoch: 1, Step: 370, Loss: 0.918657
Epoch: 1, Step: 380, Loss: 0.90817
Epoch: 1, Step: 390, Loss: 0.897922
Epoch: 1, Step: 400, Loss: 0.887895
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 1, Step: 410, Loss: 0.877995
Epoch: 1, Step: 420, Loss: 0.868341
Epoch: 1, Step: 430, Loss: 0.858886
Epoch: 1, Step: 440, Loss: 0.849595
Epoch: 1, Step: 450, Loss: 0.840479
Epoch: 1, Step: 460, Loss: 0.831543
Epoch: 1, Step: 470, Loss: 0.822789
Epoch: 1, Step: 480, Loss: 0.814175
Epoch: 1, Step: 490, Loss: 0.805751
Epoch: 1, Step: 500, Loss: 0.797511
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 1, Step: 510, Loss: 0.789362
Epoch: 1, Step: 520, Loss: 0.781377
Epoch: 1, Step: 530, Loss: 0.77356
Epoch: 1, Step: 540, Loss: 0.765874
Epoch: 1, Step: 550, Loss: 0.758343
Model saved in file: ./save\model.ckpt
Epoch: 2, Step: 200, Loss: 0.75535
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
```

```
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 2, Step: 210, Loss: 0.748013
Epoch: 2, Step: 220, Loss: 0.740802
Epoch: 2, Step: 230, Loss: 0.733668
Epoch: 2, Step: 240, Loss: 0.726727
Epoch: 2, Step: 250, Loss: 0.719885
Epoch: 2, Step: 260, Loss: 0.713158
Epoch: 2, Step: 270, Loss: 0.706548
Epoch: 2, Step: 280, Loss: 0.700045
Epoch: 2, Step: 290, Loss: 0.693689
Epoch: 2, Step: 300, Loss: 0.687402
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 2, Step: 310, Loss: 0.681231
Epoch: 2, Step: 320, Loss: 0.675157
Epoch: 2, Step: 330, Loss: 0.669216
Epoch: 2, Step: 340, Loss: 0.663384
Epoch: 2, Step: 350, Loss: 0.657626
Epoch: 2, Step: 360, Loss: 0.65194
Epoch: 2, Step: 370, Loss: 0.646398
Epoch: 2, Step: 380, Loss: 0.640927
Epoch: 2, Step: 390, Loss: 0.635537
Epoch: 2, Step: 400, Loss: 0.630241
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 2, Step: 410, Loss: 0.625054
Epoch: 2, Step: 420, Loss: 0.619913
Epoch: 2, Step: 430, Loss: 0.614865
Epoch: 2, Step: 440, Loss: 0.60992
Epoch: 2, Step: 450, Loss: 0.605043
Epoch: 2, Step: 460, Loss: 0.600265
Epoch: 2, Step: 470, Loss: 0.595536
Epoch: 2, Step: 480, Loss: 0.590878
Epoch: 2, Step: 490, Loss: 0.586322
Epoch: 2, Step: 500, Loss: 0.581814
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 2, Step: 510, Loss: 0.577393
Epoch: 2, Step: 520, Loss: 0.57303
Epoch: 2, Step: 530, Loss: 0.568736
Epoch: 2, Step: 540, Loss: 0.564515
Epoch: 2, Step: 550, Loss: 0.560351
Epoch: 2, Step: 560, Loss: 0.556269
Epoch: 2, Step: 570, Loss: 0.552227
```

```
Epoch: 2, Step: 580, Loss: 0.548259
Epoch: 2, Step: 590, Loss: 0.544361
Epoch: 2, Step: 600, Loss: 0.540514
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 2, Step: 610, Loss: 0.536731
Epoch: 2, Step: 620, Loss: 0.532977
Epoch: 2, Step: 630, Loss: 0.529319
Epoch: 2, Step: 640, Loss: 0.525699
Epoch: 2, Step: 650, Loss: 0.522147
Model saved in file: ./save\model.ckpt
Epoch: 3, Step: 300, Loss: 0.520721
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 3, Step: 310, Loss: 0.517216
Epoch: 3, Step: 320, Loss: 0.513795
Epoch: 3, Step: 330, Loss: 0.510397
Epoch: 3, Step: 340, Loss: 0.507049
Epoch: 3, Step: 350, Loss: 0.503776
Epoch: 3, Step: 360, Loss: 0.500538
Epoch: 3, Step: 370, Loss: 0.497337
Epoch: 3, Step: 380, Loss: 0.494179
Epoch: 3, Step: 390, Loss: 0.491097
Epoch: 3, Step: 400, Loss: 0.488029
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 3, Step: 410, Loss: 0.485013
Epoch: 3, Step: 420, Loss: 0.482065
Epoch: 3, Step: 430, Loss: 0.479126
Epoch: 3, Step: 440, Loss: 0.476242
Epoch: 3, Step: 450, Loss: 0.473413
Epoch: 3, Step: 460, Loss: 0.470598
Epoch: 3, Step: 470, Loss: 0.467845
Epoch: 3, Step: 480, Loss: 0.465125
Epoch: 3, Step: 490, Loss: 0.462442
Epoch: 3, Step: 500, Loss: 0.459784
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 3, Step: 510, Loss: 0.457183
Epoch: 3, Step: 520, Loss: 0.454608
Epoch: 3, Step: 530, Loss: 0.452078
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Epoch: 3, Step: 540, Loss: 0.449565
Epoch: 3, Step: 550, Loss: 0.447111
Epoch: 3, Step: 560, Loss: 0.444669
Epoch: 3, Step: 570, Loss: 0.442283
Epoch: 3, Step: 580, Loss: 0.4399
Epoch: 3, Step: 590, Loss: 0.437582
Epoch: 3, Step: 600, Loss: 0.435293
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 3, Step: 610, Loss: 0.433001
Epoch: 3, Step: 620, Loss: 0.430767
Epoch: 3, Step: 630, Loss: 0.428564
Epoch: 3, Step: 640, Loss: 0.42638
Epoch: 3, Step: 650, Loss: 0.424228
Epoch: 3, Step: 660, Loss: 0.422119
Epoch: 3, Step: 670, Loss: 0.420027
Epoch: 3, Step: 680, Loss: 0.417963
Epoch: 3, Step: 690, Loss: 0.415923
Epoch: 3, Step: 700, Loss: 0.413923
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 3, Step: 710, Loss: 0.411935
Epoch: 3, Step: 720, Loss: 0.409982
Epoch: 3, Step: 730, Loss: 0.408058
Epoch: 3, Step: 740, Loss: 0.406159
Epoch: 3, Step: 750, Loss: 0.40427
Model saved in file: ./save\model.ckpt
Epoch: 4, Step: 400, Loss: 0.40353
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 4, Step: 410, Loss: 0.40169
Epoch: 4, Step: 420, Loss: 0.399863
Epoch: 4, Step: 430, Loss: 0.398063
Epoch: 4, Step: 440, Loss: 0.396305
Epoch: 4, Step: 450, Loss: 0.394546
Epoch: 4, Step: 460, Loss: 0.392824
Epoch: 4, Step: 470, Loss: 0.391118
Epoch: 4, Step: 480, Loss: 0.389431
Epoch: 4, Step: 490, Loss: 0.387769
Epoch: 4, Step: 500, Loss: 0.386129
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
```

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WARNING:tensorflow:********************************************************
Epoch: 4, Step: 510, Loss: 0.384512
Epoch: 4, Step: 520, Loss: 0.382915
Epoch: 4, Step: 530, Loss: 0.381342
Epoch: 4, Step: 540, Loss: 0.37978
Epoch: 4, Step: 550, Loss: 0.37824
Epoch: 4, Step: 560, Loss: 0.376728
Epoch: 4, Step: 570, Loss: 0.375224
Epoch: 4, Step: 580, Loss: 0.373751
Epoch: 4, Step: 590, Loss: 0.372285
Epoch: 4, Step: 600, Loss: 0.370844
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 4, Step: 610, Loss: 0.369418
Epoch: 4, Step: 620, Loss: 0.36801
Epoch: 4, Step: 630, Loss: 0.366621
Epoch: 4, Step: 640, Loss: 0.365257
Epoch: 4, Step: 650, Loss: 0.363896
Epoch: 4, Step: 660, Loss: 0.362558
Epoch: 4, Step: 670, Loss: 0.361237
Epoch: 4, Step: 680, Loss: 0.359927
Epoch: 4, Step: 690, Loss: 0.358639
Epoch: 4, Step: 700, Loss: 0.357366
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 4, Step: 710, Loss: 0.356112
Epoch: 4, Step: 720, Loss: 0.354873
Epoch: 4, Step: 730, Loss: 0.353642
Epoch: 4, Step: 740, Loss: 0.352432
Epoch: 4, Step: 750, Loss: 0.35123
Epoch: 4, Step: 760, Loss: 0.350049
Epoch: 4, Step: 770, Loss: 0.348877
Epoch: 4, Step: 780, Loss: 0.347728
Epoch: 4, Step: 790, Loss: 0.346585
Epoch: 4, Step: 800, Loss: 0.345455
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 4, Step: 810, Loss: 0.344341
Epoch: 4, Step: 820, Loss: 0.343247
Epoch: 4, Step: 830, Loss: 0.342161
Epoch: 4, Step: 840, Loss: 0.341085
Epoch: 4, Step: 850, Loss: 0.340027
Model saved in file: ./save\model.ckpt
Epoch: 5, Step: 500, Loss: 0.339605
WARNING:tensorflow:********************************************************
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WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 5, Step: 510, Loss: 0.338558
Epoch: 5, Step: 520, Loss: 0.337533
Epoch: 5, Step: 530, Loss: 0.33651
Epoch: 5, Step: 540, Loss: 0.335504
Epoch: 5, Step: 550, Loss: 0.33451
Epoch: 5, Step: 560, Loss: 0.333525
Epoch: 5, Step: 570, Loss: 0.332558
Epoch: 5, Step: 580, Loss: 0.331595
Epoch: 5, Step: 590, Loss: 0.330647
Epoch: 5, Step: 600, Loss: 0.329712
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 5, Step: 610, Loss: 0.328781
Epoch: 5, Step: 620, Loss: 0.327868
Epoch: 5, Step: 630, Loss: 0.326966
Epoch: 5, Step: 640, Loss: 0.32607
Epoch: 5, Step: 650, Loss: 0.325183
Epoch: 5, Step: 660, Loss: 0.324307
Epoch: 5, Step: 670, Loss: 0.323443
Epoch: 5, Step: 680, Loss: 0.322587
Epoch: 5, Step: 690, Loss: 0.321743
Epoch: 5, Step: 700, Loss: 0.320908
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 5, Step: 710, Loss: 0.320086
Epoch: 5, Step: 720, Loss: 0.319266
Epoch: 5, Step: 730, Loss: 0.318461
Epoch: 5, Step: 740, Loss: 0.317664
Epoch: 5, Step: 750, Loss: 0.316876
Epoch: 5, Step: 760, Loss: 0.3161
Epoch: 5, Step: 770, Loss: 0.315325
Epoch: 5, Step: 780, Loss: 0.314563
Epoch: 5, Step: 790, Loss: 0.313812
Epoch: 5, Step: 800, Loss: 0.313069
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 5, Step: 810, Loss: 0.31233
Epoch: 5, Step: 820, Loss: 0.311601
Epoch: 5, Step: 830, Loss: 0.310883
Epoch: 5, Step: 840, Loss: 0.310169
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Epoch: 5, Step: 850, Loss: 0.309466
Epoch: 5, Step: 860, Loss: 0.30877
Epoch: 5, Step: 870, Loss: 0.308083
Epoch: 5, Step: 880, Loss: 0.307401
Epoch: 5, Step: 890, Loss: 0.306728
Epoch: 5, Step: 900, Loss: 0.306062
WARNING:tensorflow:**********************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:**********************************************
Epoch: 5, Step: 910, Loss: 0.305405
Epoch: 5, Step: 920, Loss: 0.304754
Epoch: 5, Step: 930, Loss: 0.304109
Epoch: 5, Step: 940, Loss: 0.303473
Epoch: 5, Step: 950, Loss: 0.302844
Model saved in file: ./save\model.ckpt
Epoch: 6, Step: 600, Loss: 0.302593
WARNING:tensorflow:**********************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:**********************************************
Epoch: 6, Step: 610, Loss: 0.301972
Epoch: 6, Step: 620, Loss: 0.30136
Epoch: 6, Step: 630, Loss: 0.300754
Epoch: 6, Step: 640, Loss: 0.300155
Epoch: 6, Step: 650, Loss: 0.299562
Epoch: 6, Step: 660, Loss: 0.298974
Epoch: 6, Step: 670, Loss: 0.298392
Epoch: 6, Step: 680, Loss: 0.297818
Epoch: 6, Step: 690, Loss: 0.297248
Epoch: 6, Step: 700, Loss: 0.296688
WARNING:tensorflow:**********************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:**********************************************
Epoch: 6, Step: 710, Loss: 0.296133
Epoch: 6, Step: 720, Loss: 0.295581
Epoch: 6, Step: 730, Loss: 0.295036
Epoch: 6, Step: 740, Loss: 0.294498
Epoch: 6, Step: 750, Loss: 0.293968
Epoch: 6, Step: 760, Loss: 0.29344
Epoch: 6, Step: 770, Loss: 0.292918
Epoch: 6, Step: 780, Loss: 0.292404
Epoch: 6, Step: 790, Loss: 0.291893
Epoch: 6, Step: 800, Loss: 0.291389
WARNING:tensorflow:**********************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:**********************************************
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Epoch: 6, Step: 810, Loss: 0.29089
Epoch: 6, Step: 820, Loss: 0.290396
Epoch: 6, Step: 830, Loss: 0.289907
Epoch: 6, Step: 840, Loss: 0.289423
Epoch: 6, Step: 850, Loss: 0.288947
Epoch: 6, Step: 860, Loss: 0.288471
Epoch: 6, Step: 870, Loss: 0.288003
Epoch: 6, Step: 880, Loss: 0.287542
Epoch: 6, Step: 890, Loss: 0.287081
Epoch: 6, Step: 900, Loss: 0.286628
WARNING:tensorflow:***************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***************************************************
Epoch: 6, Step: 910, Loss: 0.286179
Epoch: 6, Step: 920, Loss: 0.285735
Epoch: 6, Step: 930, Loss: 0.285297
Epoch: 6, Step: 940, Loss: 0.284858
Epoch: 6, Step: 950, Loss: 0.284429
Epoch: 6, Step: 960, Loss: 0.284004
Epoch: 6, Step: 970, Loss: 0.283583
Epoch: 6, Step: 980, Loss: 0.283167
Epoch: 6, Step: 990, Loss: 0.282751
Epoch: 6, Step: 1000, Loss: 0.282343
WARNING:tensorflow:***************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***************************************************
Epoch: 6, Step: 1010, Loss: 0.281937
Epoch: 6, Step: 1020, Loss: 0.28154
Epoch: 6, Step: 1030, Loss: 0.281142
Epoch: 6, Step: 1040, Loss: 0.280751
Epoch: 6, Step: 1050, Loss: 0.280363
Model saved in file: ./save\model.ckpt
Epoch: 7, Step: 700, Loss: 0.280208
WARNING:tensorflow:***************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***************************************************
Epoch: 7, Step: 710, Loss: 0.279825
Epoch: 7, Step: 720, Loss: 0.27945
Epoch: 7, Step: 730, Loss: 0.279073
Epoch: 7, Step: 740, Loss: 0.278701
Epoch: 7, Step: 750, Loss: 0.278336
Epoch: 7, Step: 760, Loss: 0.277972
Epoch: 7, Step: 770, Loss: 0.277613
Epoch: 7, Step: 780, Loss: 0.277256
Epoch: 7, Step: 790, Loss: 0.276904
Epoch: 7, Step: 800, Loss: 0.276555
WARNING:tensorflow:***************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
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WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow: `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***
Epoch: 7, Step: 810, Loss: 0.276211
Epoch: 7, Step: 820, Loss: 0.275867
Epoch: 7, Step: 830, Loss: 0.275532
Epoch: 7, Step: 840, Loss: 0.275196
Epoch: 7, Step: 850, Loss: 0.274862
Epoch: 7, Step: 860, Loss: 0.274536
Epoch: 7, Step: 870, Loss: 0.27421
Epoch: 7, Step: 880, Loss: 0.273888
Epoch: 7, Step: 890, Loss: 0.27357
Epoch: 7, Step: 900, Loss: 0.273258
WARNING:tensorflow:***
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow: `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***
Epoch: 7, Step: 910, Loss: 0.272944
Epoch: 7, Step: 920, Loss: 0.272635
Epoch: 7, Step: 930, Loss: 0.272328
Epoch: 7, Step: 940, Loss: 0.272027
Epoch: 7, Step: 950, Loss: 0.271726
Epoch: 7, Step: 960, Loss: 0.271429
Epoch: 7, Step: 970, Loss: 0.271138
Epoch: 7, Step: 980, Loss: 0.270846
Epoch: 7, Step: 990, Loss: 0.270558
Epoch: 7, Step: 1000, Loss: 0.270272
WARNING:tensorflow:***
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow: `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***
Epoch: 7, Step: 1010, Loss: 0.269991
Epoch: 7, Step: 1020, Loss: 0.26971
Epoch: 7, Step: 1030, Loss: 0.269434
Epoch: 7, Step: 1040, Loss: 0.26916
Epoch: 7, Step: 1050, Loss: 0.268889
Epoch: 7, Step: 1060, Loss: 0.26862
Epoch: 7, Step: 1070, Loss: 0.268355
Epoch: 7, Step: 1080, Loss: 0.26809
Epoch: 7, Step: 1090, Loss: 0.26783
Epoch: 7, Step: 1100, Loss: 0.267571
WARNING:tensorflow:***
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow: `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***
Epoch: 7, Step: 1110, Loss: 0.267317
Epoch: 7, Step: 1120, Loss: 0.267063
Epoch: 7, Step: 1130, Loss: 0.266812
Epoch: 7, Step: 1140, Loss: 0.266565
Epoch: 7, Step: 1150, Loss: 0.266318

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Model saved in file: ./save\model.ckpt
Epoch: 8, Step: 800, Loss: 0.266219
WARNING:tensorflow:************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************
Epoch: 8, Step: 810, Loss: 0.265978
Epoch: 8, Step: 820, Loss: 0.265738
Epoch: 8, Step: 830, Loss: 0.265499
Epoch: 8, Step: 840, Loss: 0.265264
Epoch: 8, Step: 850, Loss: 0.265032
Epoch: 8, Step: 860, Loss: 0.2648
Epoch: 8, Step: 870, Loss: 0.264572
Epoch: 8, Step: 880, Loss: 0.264347
Epoch: 8, Step: 890, Loss: 0.264121
Epoch: 8, Step: 900, Loss: 0.263898
WARNING:tensorflow:************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************
Epoch: 8, Step: 910, Loss: 0.263679
Epoch: 8, Step: 920, Loss: 0.263462
Epoch: 8, Step: 930, Loss: 0.263246
Epoch: 8, Step: 940, Loss: 0.263033
Epoch: 8, Step: 950, Loss: 0.26282
Epoch: 8, Step: 960, Loss: 0.262611
Epoch: 8, Step: 970, Loss: 0.262404
Epoch: 8, Step: 980, Loss: 0.262199
Epoch: 8, Step: 990, Loss: 0.261994
Epoch: 8, Step: 1000, Loss: 0.261792
WARNING:tensorflow:************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************
Epoch: 8, Step: 1010, Loss: 0.261593
Epoch: 8, Step: 1020, Loss: 0.261395
Epoch: 8, Step: 1030, Loss: 0.2612
Epoch: 8, Step: 1040, Loss: 0.261007
Epoch: 8, Step: 1050, Loss: 0.260813
Epoch: 8, Step: 1060, Loss: 0.260623
Epoch: 8, Step: 1070, Loss: 0.260436
Epoch: 8, Step: 1080, Loss: 0.260248
Epoch: 8, Step: 1090, Loss: 0.260062
Epoch: 8, Step: 1100, Loss: 0.259879
WARNING:tensorflow:************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************
Epoch: 8, Step: 1110, Loss: 0.259698
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Epoch: 8, Step: 1120, Loss: 0.259518
Epoch: 8, Step: 1130, Loss: 0.25934
Epoch: 8, Step: 1140, Loss: 0.259163
Epoch: 8, Step: 1150, Loss: 0.258989
Epoch: 8, Step: 1160, Loss: 0.258816
Epoch: 8, Step: 1170, Loss: 0.258645
Epoch: 8, Step: 1180, Loss: 0.258474
Epoch: 8, Step: 1190, Loss: 0.258308
Epoch: 8, Step: 1200, Loss: 0.258142
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 8, Step: 1210, Loss: 0.257975
Epoch: 8, Step: 1220, Loss: 0.257813
Epoch: 8, Step: 1230, Loss: 0.25765
Epoch: 8, Step: 1240, Loss: 0.25749
Epoch: 8, Step: 1250, Loss: 0.257332
Model saved in file: ./save\model.ckpt
Epoch: 9, Step: 900, Loss: 0.257268
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 9, Step: 910, Loss: 0.257111
Epoch: 9, Step: 920, Loss: 0.256956
Epoch: 9, Step: 930, Loss: 0.256802
Epoch: 9, Step: 940, Loss: 0.256649
Epoch: 9, Step: 950, Loss: 0.256499
Epoch: 9, Step: 960, Loss: 0.256349
Epoch: 9, Step: 970, Loss: 0.256201
Epoch: 9, Step: 980, Loss: 0.256054
Epoch: 9, Step: 990, Loss: 0.255909
Epoch: 9, Step: 1000, Loss: 0.255764
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 9, Step: 1010, Loss: 0.255622
Epoch: 9, Step: 1020, Loss: 0.25548
Epoch: 9, Step: 1030, Loss: 0.255341
Epoch: 9, Step: 1040, Loss: 0.255202
Epoch: 9, Step: 1050, Loss: 0.255064
Epoch: 9, Step: 1060, Loss: 0.254928
Epoch: 9, Step: 1070, Loss: 0.254793
Epoch: 9, Step: 1080, Loss: 0.254659
Epoch: 9, Step: 1090, Loss: 0.254527
Epoch: 9, Step: 1100, Loss: 0.254396
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
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WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 9, Step: 1110, Loss: 0.254266
Epoch: 9, Step: 1120, Loss: 0.254138
Epoch: 9, Step: 1130, Loss: 0.25401
Epoch: 9, Step: 1140, Loss: 0.253884
Epoch: 9, Step: 1150, Loss: 0.253758
Epoch: 9, Step: 1160, Loss: 0.253634
Epoch: 9, Step: 1170, Loss: 0.253511
Epoch: 9, Step: 1180, Loss: 0.253389
Epoch: 9, Step: 1190, Loss: 0.25327
Epoch: 9, Step: 1200, Loss: 0.25315
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 9, Step: 1210, Loss: 0.253031
Epoch: 9, Step: 1220, Loss: 0.252914
Epoch: 9, Step: 1230, Loss: 0.252798
Epoch: 9, Step: 1240, Loss: 0.252683
Epoch: 9, Step: 1250, Loss: 0.252568
Epoch: 9, Step: 1260, Loss: 0.252455
Epoch: 9, Step: 1270, Loss: 0.252344
Epoch: 9, Step: 1280, Loss: 0.252233
Epoch: 9, Step: 1290, Loss: 0.252122
Epoch: 9, Step: 1300, Loss: 0.252015
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 9, Step: 1310, Loss: 0.251906
Epoch: 9, Step: 1320, Loss: 0.2518
Epoch: 9, Step: 1330, Loss: 0.251693
Epoch: 9, Step: 1340, Loss: 0.251589
Epoch: 9, Step: 1350, Loss: 0.251485
Model saved in file: ./save\model.ckpt
Epoch: 10, Step: 1000, Loss: 0.251444
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 10, Step: 1010, Loss: 0.251341
Epoch: 10, Step: 1020, Loss: 0.251239
Epoch: 10, Step: 1030, Loss: 0.251138
Epoch: 10, Step: 1040, Loss: 0.251038
Epoch: 10, Step: 1050, Loss: 0.25094
Epoch: 10, Step: 1060, Loss: 0.250842
Epoch: 10, Step: 1070, Loss: 0.250745
Epoch: 10, Step: 1080, Loss: 0.250648
Epoch: 10, Step: 1090, Loss: 0.250553
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Epoch: 10, Step: 1100, Loss: 0.250459
WARNING:tensorflow:*****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*****************************************************
Epoch: 10, Step: 1110, Loss: 0.250365
Epoch: 10, Step: 1120, Loss: 0.250273
Epoch: 10, Step: 1130, Loss: 0.250181
Epoch: 10, Step: 1140, Loss: 0.25009
Epoch: 10, Step: 1150, Loss: 0.249999
Epoch: 10, Step: 1160, Loss: 0.249911
Epoch: 10, Step: 1170, Loss: 0.249822
Epoch: 10, Step: 1180, Loss: 0.249734
Epoch: 10, Step: 1190, Loss: 0.249647
Epoch: 10, Step: 1200, Loss: 0.249561
WARNING:tensorflow:*****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*****************************************************
Epoch: 10, Step: 1210, Loss: 0.249476
Epoch: 10, Step: 1220, Loss: 0.249392
Epoch: 10, Step: 1230, Loss: 0.249308
Epoch: 10, Step: 1240, Loss: 0.249225
Epoch: 10, Step: 1250, Loss: 0.249143
Epoch: 10, Step: 1260, Loss: 0.249062
Epoch: 10, Step: 1270, Loss: 0.248981
Epoch: 10, Step: 1280, Loss: 0.248901
Epoch: 10, Step: 1290, Loss: 0.248822
Epoch: 10, Step: 1300, Loss: 0.248744
WARNING:tensorflow:*****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*****************************************************
Epoch: 10, Step: 1310, Loss: 0.248666
Epoch: 10, Step: 1320, Loss: 0.248589
Epoch: 10, Step: 1330, Loss: 0.248513
Epoch: 10, Step: 1340, Loss: 0.248437
Epoch: 10, Step: 1350, Loss: 0.248362
Epoch: 10, Step: 1360, Loss: 0.248288
Epoch: 10, Step: 1370, Loss: 0.248215
Epoch: 10, Step: 1380, Loss: 0.248142
Epoch: 10, Step: 1390, Loss: 0.24807
Epoch: 10, Step: 1400, Loss: 0.247998
WARNING:tensorflow:*****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*****************************************************
Epoch: 10, Step: 1410, Loss: 0.247928
Epoch: 10, Step: 1420, Loss: 0.247857
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Epoch: 10, Step: 1430, Loss: 0.247788
Epoch: 10, Step: 1440, Loss: 0.247719
Epoch: 10, Step: 1450, Loss: 0.247651
Model saved in file: ./save\model.ckpt
Epoch: 11, Step: 1100, Loss: 0.247624
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 11, Step: 1110, Loss: 0.247556
Epoch: 11, Step: 1120, Loss: 0.24749
Epoch: 11, Step: 1130, Loss: 0.247424
Epoch: 11, Step: 1140, Loss: 0.247358
Epoch: 11, Step: 1150, Loss: 0.247293
Epoch: 11, Step: 1160, Loss: 0.247229
Epoch: 11, Step: 1170, Loss: 0.247165
Epoch: 11, Step: 1180, Loss: 0.247102
Epoch: 11, Step: 1190, Loss: 0.24704
Epoch: 11, Step: 1200, Loss: 0.246978
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 11, Step: 1210, Loss: 0.246917
Epoch: 11, Step: 1220, Loss: 0.246856
Epoch: 11, Step: 1230, Loss: 0.246796
Epoch: 11, Step: 1240, Loss: 0.246736
Epoch: 11, Step: 1250, Loss: 0.246677
Epoch: 11, Step: 1260, Loss: 0.246618
Epoch: 11, Step: 1270, Loss: 0.24656
Epoch: 11, Step: 1280, Loss: 0.246503
Epoch: 11, Step: 1290, Loss: 0.246446
Epoch: 11, Step: 1300, Loss: 0.24639
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 11, Step: 1310, Loss: 0.246334
Epoch: 11, Step: 1320, Loss: 0.246279
Epoch: 11, Step: 1330, Loss: 0.246224
Epoch: 11, Step: 1340, Loss: 0.246169
Epoch: 11, Step: 1350, Loss: 0.246116
Epoch: 11, Step: 1360, Loss: 0.246062
Epoch: 11, Step: 1370, Loss: 0.24601
Epoch: 11, Step: 1380, Loss: 0.245957
Epoch: 11, Step: 1390, Loss: 0.245906
Epoch: 11, Step: 1400, Loss: 0.245854
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
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WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 11, Step: 1410, Loss: 0.245804
Epoch: 11, Step: 1420, Loss: 0.245753
Epoch: 11, Step: 1430, Loss: 0.245703
Epoch: 11, Step: 1440, Loss: 0.245654
Epoch: 11, Step: 1450, Loss: 0.245605
Epoch: 11, Step: 1460, Loss: 0.245557
Epoch: 11, Step: 1470, Loss: 0.245509
Epoch: 11, Step: 1480, Loss: 0.245461
Epoch: 11, Step: 1490, Loss: 0.245414
Epoch: 11, Step: 1500, Loss: 0.245367
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 11, Step: 1510, Loss: 0.245321
Epoch: 11, Step: 1520, Loss: 0.245275
Epoch: 11, Step: 1530, Loss: 0.24523
Epoch: 11, Step: 1540, Loss: 0.245185
Epoch: 11, Step: 1550, Loss: 0.245141
Model saved in file: ./save\model.ckpt
Epoch: 12, Step: 1200, Loss: 0.245123
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 12, Step: 1210, Loss: 0.245079
Epoch: 12, Step: 1220, Loss: 0.245036
Epoch: 12, Step: 1230, Loss: 0.244993
Epoch: 12, Step: 1240, Loss: 0.24495
Epoch: 12, Step: 1250, Loss: 0.244908
Epoch: 12, Step: 1260, Loss: 0.244866
Epoch: 12, Step: 1270, Loss: 0.244825
Epoch: 12, Step: 1280, Loss: 0.244785
Epoch: 12, Step: 1290, Loss: 0.244744
Epoch: 12, Step: 1300, Loss: 0.244704
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 12, Step: 1310, Loss: 0.244664
Epoch: 12, Step: 1320, Loss: 0.244624
Epoch: 12, Step: 1330, Loss: 0.244585
Epoch: 12, Step: 1340, Loss: 0.244547
Epoch: 12, Step: 1350, Loss: 0.244508
Epoch: 12, Step: 1360, Loss: 0.24447
Epoch: 12, Step: 1370, Loss: 0.244433
Epoch: 12, Step: 1380, Loss: 0.244395
Epoch: 12, Step: 1390, Loss: 0.244358
Epoch: 12, Step: 1400, Loss: 0.244322
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WARNING:tensorflow:*******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*******************************************************
Epoch: 12, Step: 1410, Loss: 0.244286
Epoch: 12, Step: 1420, Loss: 0.24425
Epoch: 12, Step: 1430, Loss: 0.244215
Epoch: 12, Step: 1440, Loss: 0.244179
Epoch: 12, Step: 1450, Loss: 0.244145
Epoch: 12, Step: 1460, Loss: 0.24411
Epoch: 12, Step: 1470, Loss: 0.244076
Epoch: 12, Step: 1480, Loss: 0.244042
Epoch: 12, Step: 1490, Loss: 0.244009
Epoch: 12, Step: 1500, Loss: 0.243976
WARNING:tensorflow:*******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*******************************************************
Epoch: 12, Step: 1510, Loss: 0.243943
Epoch: 12, Step: 1520, Loss: 0.243911
Epoch: 12, Step: 1530, Loss: 0.243878
Epoch: 12, Step: 1540, Loss: 0.243847
Epoch: 12, Step: 1550, Loss: 0.243815
Epoch: 12, Step: 1560, Loss: 0.243784
Epoch: 12, Step: 1570, Loss: 0.243753
Epoch: 12, Step: 1580, Loss: 0.243722
Epoch: 12, Step: 1590, Loss: 0.243692
Epoch: 12, Step: 1600, Loss: 0.243662
WARNING:tensorflow:*******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*******************************************************
Epoch: 12, Step: 1610, Loss: 0.243632
Epoch: 12, Step: 1620, Loss: 0.243603
Epoch: 12, Step: 1630, Loss: 0.243573
Epoch: 12, Step: 1640, Loss: 0.243545
Epoch: 12, Step: 1650, Loss: 0.243516
Model saved in file: ./save\model.ckpt
Epoch: 13, Step: 1300, Loss: 0.243505
WARNING:tensorflow:*******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*******************************************************
Epoch: 13, Step: 1310, Loss: 0.243477
Epoch: 13, Step: 1320, Loss: 0.243449
Epoch: 13, Step: 1330, Loss: 0.243421
Epoch: 13, Step: 1340, Loss: 0.243394
Epoch: 13, Step: 1350, Loss: 0.243367
Epoch: 13, Step: 1360, Loss: 0.24334
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Epoch: 13, Step: 1370, Loss: 0.243314
Epoch: 13, Step: 1380, Loss: 0.243288
Epoch: 13, Step: 1390, Loss: 0.243262
Epoch: 13, Step: 1400, Loss: 0.243236
WARNING:tensorflow:*****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*****************************************************
Epoch: 13, Step: 1410, Loss: 0.243211
Epoch: 13, Step: 1420, Loss: 0.243185
Epoch: 13, Step: 1430, Loss: 0.24316
Epoch: 13, Step: 1440, Loss: 0.243135
Epoch: 13, Step: 1450, Loss: 0.243111
Epoch: 13, Step: 1460, Loss: 0.243087
Epoch: 13, Step: 1470, Loss: 0.243063
Epoch: 13, Step: 1480, Loss: 0.243039
Epoch: 13, Step: 1490, Loss: 0.243016
Epoch: 13, Step: 1500, Loss: 0.242992
WARNING:tensorflow:*****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*****************************************************
Epoch: 13, Step: 1510, Loss: 0.242969
Epoch: 13, Step: 1520, Loss: 0.242946
Epoch: 13, Step: 1530, Loss: 0.242924
Epoch: 13, Step: 1540, Loss: 0.242902
Epoch: 13, Step: 1550, Loss: 0.24288
Epoch: 13, Step: 1560, Loss: 0.242858
Epoch: 13, Step: 1570, Loss: 0.242836
Epoch: 13, Step: 1580, Loss: 0.242815
Epoch: 13, Step: 1590, Loss: 0.242794
Epoch: 13, Step: 1600, Loss: 0.242773
WARNING:tensorflow:*****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*****************************************************
Epoch: 13, Step: 1610, Loss: 0.242752
Epoch: 13, Step: 1620, Loss: 0.242731
Epoch: 13, Step: 1630, Loss: 0.242711
Epoch: 13, Step: 1640, Loss: 0.242691
Epoch: 13, Step: 1650, Loss: 0.242671
Epoch: 13, Step: 1660, Loss: 0.242651
Epoch: 13, Step: 1670, Loss: 0.242631
Epoch: 13, Step: 1680, Loss: 0.242612
Epoch: 13, Step: 1690, Loss: 0.242593
Epoch: 13, Step: 1700, Loss: 0.242574
WARNING:tensorflow:*****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
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WARNING:tensorflow:*************************************************
Epoch: 13, Step: 1710, Loss: 0.242555
Epoch: 13, Step: 1720, Loss: 0.242537
Epoch: 13, Step: 1730, Loss: 0.242519
Epoch: 13, Step: 1740, Loss: 0.242501
Epoch: 13, Step: 1750, Loss: 0.242483
Model saved in file: ./save\model.ckpt
Epoch: 14, Step: 1400, Loss: 0.242475
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 14, Step: 1410, Loss: 0.242457
Epoch: 14, Step: 1420, Loss: 0.24244
Epoch: 14, Step: 1430, Loss: 0.242423
Epoch: 14, Step: 1440, Loss: 0.242405
Epoch: 14, Step: 1450, Loss: 0.242388
Epoch: 14, Step: 1460, Loss: 0.242372
Epoch: 14, Step: 1470, Loss: 0.242355
Epoch: 14, Step: 1480, Loss: 0.242339
Epoch: 14, Step: 1490, Loss: 0.242323
Epoch: 14, Step: 1500, Loss: 0.242307
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 14, Step: 1510, Loss: 0.242291
Epoch: 14, Step: 1520, Loss: 0.242275
Epoch: 14, Step: 1530, Loss: 0.242259
Epoch: 14, Step: 1540, Loss: 0.242244
Epoch: 14, Step: 1550, Loss: 0.242228
Epoch: 14, Step: 1560, Loss: 0.242213
Epoch: 14, Step: 1570, Loss: 0.242198
Epoch: 14, Step: 1580, Loss: 0.242184
Epoch: 14, Step: 1590, Loss: 0.242169
Epoch: 14, Step: 1600, Loss: 0.242154
WARNING:tensorflow:*************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*************************************************
Epoch: 14, Step: 1610, Loss: 0.24214
Epoch: 14, Step: 1620, Loss: 0.242126
Epoch: 14, Step: 1630, Loss: 0.242112
Epoch: 14, Step: 1640, Loss: 0.242098
Epoch: 14, Step: 1650, Loss: 0.242084
Epoch: 14, Step: 1660, Loss: 0.24207
Epoch: 14, Step: 1670, Loss: 0.242057
Epoch: 14, Step: 1680, Loss: 0.242044
Epoch: 14, Step: 1690, Loss: 0.242031
Epoch: 14, Step: 1700, Loss: 0.242017
WARNING:tensorflow:*************************************************
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WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 14, Step: 1710, Loss: 0.242005
Epoch: 14, Step: 1720, Loss: 0.241992
Epoch: 14, Step: 1730, Loss: 0.241979
Epoch: 14, Step: 1740, Loss: 0.241967
Epoch: 14, Step: 1750, Loss: 0.241954
Epoch: 14, Step: 1760, Loss: 0.241942
Epoch: 14, Step: 1770, Loss: 0.24193
Epoch: 14, Step: 1780, Loss: 0.241918
Epoch: 14, Step: 1790, Loss: 0.241907
Epoch: 14, Step: 1800, Loss: 0.241895
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 14, Step: 1810, Loss: 0.241883
Epoch: 14, Step: 1820, Loss: 0.241871
Epoch: 14, Step: 1830, Loss: 0.24186
Epoch: 14, Step: 1840, Loss: 0.241849
Epoch: 14, Step: 1850, Loss: 0.241838
Model saved in file: ./save\model.ckpt
Epoch: 15, Step: 1500, Loss: 0.241833
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 15, Step: 1510, Loss: 0.241822
Epoch: 15, Step: 1520, Loss: 0.241812
Epoch: 15, Step: 1530, Loss: 0.241801
Epoch: 15, Step: 1540, Loss: 0.241791
Epoch: 15, Step: 1550, Loss: 0.24178
Epoch: 15, Step: 1560, Loss: 0.241769
Epoch: 15, Step: 1570, Loss: 0.241759
Epoch: 15, Step: 1580, Loss: 0.241749
Epoch: 15, Step: 1590, Loss: 0.24174
Epoch: 15, Step: 1600, Loss: 0.241729
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 15, Step: 1610, Loss: 0.24172
Epoch: 15, Step: 1620, Loss: 0.24171
Epoch: 15, Step: 1630, Loss: 0.2417
Epoch: 15, Step: 1640, Loss: 0.241691
Epoch: 15, Step: 1650, Loss: 0.241681
Epoch: 15, Step: 1660, Loss: 0.241672
Epoch: 15, Step: 1670, Loss: 0.241663
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Epoch: 15, Step: 1680, Loss: 0.241654
Epoch: 15, Step: 1690, Loss: 0.241645
Epoch: 15, Step: 1700, Loss: 0.241636
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 15, Step: 1710, Loss: 0.241627
Epoch: 15, Step: 1720, Loss: 0.241618
Epoch: 15, Step: 1730, Loss: 0.24161
Epoch: 15, Step: 1740, Loss: 0.241601
Epoch: 15, Step: 1750, Loss: 0.241593
Epoch: 15, Step: 1760, Loss: 0.241584
Epoch: 15, Step: 1770, Loss: 0.241576
Epoch: 15, Step: 1780, Loss: 0.241568
Epoch: 15, Step: 1790, Loss: 0.24156
Epoch: 15, Step: 1800, Loss: 0.241552
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 15, Step: 1810, Loss: 0.241544
Epoch: 15, Step: 1820, Loss: 0.241536
Epoch: 15, Step: 1830, Loss: 0.241528
Epoch: 15, Step: 1840, Loss: 0.24152
Epoch: 15, Step: 1850, Loss: 0.241513
Epoch: 15, Step: 1860, Loss: 0.241506
Epoch: 15, Step: 1870, Loss: 0.241498
Epoch: 15, Step: 1880, Loss: 0.241491
Epoch: 15, Step: 1890, Loss: 0.241484
Epoch: 15, Step: 1900, Loss: 0.241477
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 15, Step: 1910, Loss: 0.24147
Epoch: 15, Step: 1920, Loss: 0.241463
Epoch: 15, Step: 1930, Loss: 0.241455
Epoch: 15, Step: 1940, Loss: 0.241449
Epoch: 15, Step: 1950, Loss: 0.241442
Model saved in file: ./save\model.ckpt
Epoch: 16, Step: 1600, Loss: 0.241439
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 16, Step: 1610, Loss: 0.241433
Epoch: 16, Step: 1620, Loss: 0.241426
Epoch: 16, Step: 1630, Loss: 0.241419
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Epoch: 16, Step: 1640, Loss: 0.241413
Epoch: 16, Step: 1650, Loss: 0.241406
Epoch: 16, Step: 1660, Loss: 0.2414
Epoch: 16, Step: 1670, Loss: 0.241394
Epoch: 16, Step: 1680, Loss: 0.241387
Epoch: 16, Step: 1690, Loss: 0.241382
Epoch: 16, Step: 1700, Loss: 0.241376
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 16, Step: 1710, Loss: 0.241369
Epoch: 16, Step: 1720, Loss: 0.241363
Epoch: 16, Step: 1730, Loss: 0.241358
Epoch: 16, Step: 1740, Loss: 0.241352
Epoch: 16, Step: 1750, Loss: 0.241346
Epoch: 16, Step: 1760, Loss: 0.241341
Epoch: 16, Step: 1770, Loss: 0.241335
Epoch: 16, Step: 1780, Loss: 0.24133
Epoch: 16, Step: 1790, Loss: 0.241324
Epoch: 16, Step: 1800, Loss: 0.241319
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 16, Step: 1810, Loss: 0.241313
Epoch: 16, Step: 1820, Loss: 0.241308
Epoch: 16, Step: 1830, Loss: 0.241302
Epoch: 16, Step: 1840, Loss: 0.241298
Epoch: 16, Step: 1850, Loss: 0.241292
Epoch: 16, Step: 1860, Loss: 0.241287
Epoch: 16, Step: 1870, Loss: 0.241282
Epoch: 16, Step: 1880, Loss: 0.241277
Epoch: 16, Step: 1890, Loss: 0.241272
Epoch: 16, Step: 1900, Loss: 0.241267
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 16, Step: 1910, Loss: 0.241262
Epoch: 16, Step: 1920, Loss: 0.241258
Epoch: 16, Step: 1930, Loss: 0.241253
Epoch: 16, Step: 1940, Loss: 0.241248
Epoch: 16, Step: 1950, Loss: 0.241244
Epoch: 16, Step: 1960, Loss: 0.241239
Epoch: 16, Step: 1970, Loss: 0.241234
Epoch: 16, Step: 1980, Loss: 0.24123
Epoch: 16, Step: 1990, Loss: 0.241226
Epoch: 16, Step: 2000, Loss: 0.241221
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
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WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 16, Step: 2010, Loss: 0.241217
Epoch: 16, Step: 2020, Loss: 0.241213
Epoch: 16, Step: 2030, Loss: 0.241208
Epoch: 16, Step: 2040, Loss: 0.241204
Epoch: 16, Step: 2050, Loss: 0.2412
Model saved in file: ./save\model.ckpt
Epoch: 17, Step: 1700, Loss: 0.241198
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 17, Step: 1710, Loss: 0.241194
Epoch: 17, Step: 1720, Loss: 0.24119
Epoch: 17, Step: 1730, Loss: 0.241186
Epoch: 17, Step: 1740, Loss: 0.241182
Epoch: 17, Step: 1750, Loss: 0.241178
Epoch: 17, Step: 1760, Loss: 0.241175
Epoch: 17, Step: 1770, Loss: 0.241171
Epoch: 17, Step: 1780, Loss: 0.241167
Epoch: 17, Step: 1790, Loss: 0.241163
Epoch: 17, Step: 1800, Loss: 0.24116
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 17, Step: 1810, Loss: 0.241156
Epoch: 17, Step: 1820, Loss: 0.241152
Epoch: 17, Step: 1830, Loss: 0.241149
Epoch: 17, Step: 1840, Loss: 0.241145
Epoch: 17, Step: 1850, Loss: 0.241142
Epoch: 17, Step: 1860, Loss: 0.241138
Epoch: 17, Step: 1870, Loss: 0.241135
Epoch: 17, Step: 1880, Loss: 0.241131
Epoch: 17, Step: 1890, Loss: 0.241128
Epoch: 17, Step: 1900, Loss: 0.241125
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 17, Step: 1910, Loss: 0.241121
Epoch: 17, Step: 1920, Loss: 0.241118
Epoch: 17, Step: 1930, Loss: 0.241115
Epoch: 17, Step: 1940, Loss: 0.241112
Epoch: 17, Step: 1950, Loss: 0.241109
Epoch: 17, Step: 1960, Loss: 0.241105
Epoch: 17, Step: 1970, Loss: 0.241102
Epoch: 17, Step: 1980, Loss: 0.241099
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Epoch: 17, Step: 1990, Loss: 0.241096
Epoch: 17, Step: 2000, Loss: 0.241093
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 17, Step: 2010, Loss: 0.24109
Epoch: 17, Step: 2020, Loss: 0.241087
Epoch: 17, Step: 2030, Loss: 0.241084
Epoch: 17, Step: 2040, Loss: 0.241081
Epoch: 17, Step: 2050, Loss: 0.241079
Epoch: 17, Step: 2060, Loss: 0.241076
Epoch: 17, Step: 2070, Loss: 0.241073
Epoch: 17, Step: 2080, Loss: 0.24107
Epoch: 17, Step: 2090, Loss: 0.241068
Epoch: 17, Step: 2100, Loss: 0.241065
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 17, Step: 2110, Loss: 0.241062
Epoch: 17, Step: 2120, Loss: 0.24106
Epoch: 17, Step: 2130, Loss: 0.241057
Epoch: 17, Step: 2140, Loss: 0.241055
Epoch: 17, Step: 2150, Loss: 0.241052
Model saved in file: ./save\model.ckpt
Epoch: 18, Step: 1800, Loss: 0.241051
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 18, Step: 1810, Loss: 0.241048
Epoch: 18, Step: 1820, Loss: 0.241046
Epoch: 18, Step: 1830, Loss: 0.241044
Epoch: 18, Step: 1840, Loss: 0.241041
Epoch: 18, Step: 1850, Loss: 0.241039
Epoch: 18, Step: 1860, Loss: 0.241036
Epoch: 18, Step: 1870, Loss: 0.241034
Epoch: 18, Step: 1880, Loss: 0.241032
Epoch: 18, Step: 1890, Loss: 0.241029
Epoch: 18, Step: 1900, Loss: 0.241027
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 18, Step: 1910, Loss: 0.241025
Epoch: 18, Step: 1920, Loss: 0.241023
Epoch: 18, Step: 1930, Loss: 0.241021
Epoch: 18, Step: 1940, Loss: 0.241018
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Epoch: 18, Step: 1950, Loss: 0.241016
Epoch: 18, Step: 1960, Loss: 0.241014
Epoch: 18, Step: 1970, Loss: 0.241012
Epoch: 18, Step: 1980, Loss: 0.24101
Epoch: 18, Step: 1990, Loss: 0.241008
Epoch: 18, Step: 2000, Loss: 0.241006
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 18, Step: 2010, Loss: 0.241004
Epoch: 18, Step: 2020, Loss: 0.241002
Epoch: 18, Step: 2030, Loss: 0.240999
Epoch: 18, Step: 2040, Loss: 0.240998
Epoch: 18, Step: 2050, Loss: 0.240995
Epoch: 18, Step: 2060, Loss: 0.240994
Epoch: 18, Step: 2070, Loss: 0.240992
Epoch: 18, Step: 2080, Loss: 0.24099
Epoch: 18, Step: 2090, Loss: 0.240988
Epoch: 18, Step: 2100, Loss: 0.240987
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 18, Step: 2110, Loss: 0.240985
Epoch: 18, Step: 2120, Loss: 0.240983
Epoch: 18, Step: 2130, Loss: 0.240981
Epoch: 18, Step: 2140, Loss: 0.240979
Epoch: 18, Step: 2150, Loss: 0.240977
Epoch: 18, Step: 2160, Loss: 0.240976
Epoch: 18, Step: 2170, Loss: 0.240974
Epoch: 18, Step: 2180, Loss: 0.240972
Epoch: 18, Step: 2190, Loss: 0.240971
Epoch: 18, Step: 2200, Loss: 0.240969
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 18, Step: 2210, Loss: 0.240968
Epoch: 18, Step: 2220, Loss: 0.240966
Epoch: 18, Step: 2230, Loss: 0.240964
Epoch: 18, Step: 2240, Loss: 0.240963
Epoch: 18, Step: 2250, Loss: 0.240961
Model saved in file: ./save\model.ckpt
Epoch: 19, Step: 1900, Loss: 0.240961
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
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Epoch: 19, Step: 1910, Loss: 0.240959
Epoch: 19, Step: 1920, Loss: 0.240958
Epoch: 19, Step: 1930, Loss: 0.240956
Epoch: 19, Step: 1940, Loss: 0.240955
Epoch: 19, Step: 1950, Loss: 0.240953
Epoch: 19, Step: 1960, Loss: 0.240952
Epoch: 19, Step: 1970, Loss: 0.24095
Epoch: 19, Step: 1980, Loss: 0.240949
Epoch: 19, Step: 1990, Loss: 0.240947
Epoch: 19, Step: 2000, Loss: 0.240946
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 19, Step: 2010, Loss: 0.240945
Epoch: 19, Step: 2020, Loss: 0.240943
Epoch: 19, Step: 2030, Loss: 0.240942
Epoch: 19, Step: 2040, Loss: 0.240941
Epoch: 19, Step: 2050, Loss: 0.240939
Epoch: 19, Step: 2060, Loss: 0.240937
Epoch: 19, Step: 2070, Loss: 0.240936
Epoch: 19, Step: 2080, Loss: 0.240935
Epoch: 19, Step: 2090, Loss: 0.240933
Epoch: 19, Step: 2100, Loss: 0.240932
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 19, Step: 2110, Loss: 0.240931
Epoch: 19, Step: 2120, Loss: 0.24093
Epoch: 19, Step: 2130, Loss: 0.240929
Epoch: 19, Step: 2140, Loss: 0.240927
Epoch: 19, Step: 2150, Loss: 0.240926
Epoch: 19, Step: 2160, Loss: 0.240925
Epoch: 19, Step: 2170, Loss: 0.240924
Epoch: 19, Step: 2180, Loss: 0.240923
Epoch: 19, Step: 2190, Loss: 0.240922
Epoch: 19, Step: 2200, Loss: 0.24092
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 19, Step: 2210, Loss: 0.240919
Epoch: 19, Step: 2220, Loss: 0.240918
Epoch: 19, Step: 2230, Loss: 0.240917
Epoch: 19, Step: 2240, Loss: 0.240916
Epoch: 19, Step: 2250, Loss: 0.240916
Epoch: 19, Step: 2260, Loss: 0.240914
Epoch: 19, Step: 2270, Loss: 0.240913
Epoch: 19, Step: 2280, Loss: 0.240912
Epoch: 19, Step: 2290, Loss: 0.240911
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Epoch: 19, Step: 2300, Loss: 0.24091
WARNING:tensorflow:******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:******************************************************
Epoch: 19, Step: 2310, Loss: 0.240909
Epoch: 19, Step: 2320, Loss: 0.240908
Epoch: 19, Step: 2330, Loss: 0.240907
Epoch: 19, Step: 2340, Loss: 0.240906
Epoch: 19, Step: 2350, Loss: 0.240905
Model saved in file: ./save\model.ckpt
Epoch: 20, Step: 2000, Loss: 0.240905
WARNING:tensorflow:******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:******************************************************
Epoch: 20, Step: 2010, Loss: 0.240904
Epoch: 20, Step: 2020, Loss: 0.240904
Epoch: 20, Step: 2030, Loss: 0.240902
Epoch: 20, Step: 2040, Loss: 0.240901
Epoch: 20, Step: 2050, Loss: 0.2409
Epoch: 20, Step: 2060, Loss: 0.2409
Epoch: 20, Step: 2070, Loss: 0.240899
Epoch: 20, Step: 2080, Loss: 0.240898
Epoch: 20, Step: 2090, Loss: 0.240897
Epoch: 20, Step: 2100, Loss: 0.240896
WARNING:tensorflow:******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:******************************************************
Epoch: 20, Step: 2110, Loss: 0.240895
Epoch: 20, Step: 2120, Loss: 0.240895
Epoch: 20, Step: 2130, Loss: 0.240894
Epoch: 20, Step: 2140, Loss: 0.240893
Epoch: 20, Step: 2150, Loss: 0.240892
Epoch: 20, Step: 2160, Loss: 0.240892
Epoch: 20, Step: 2170, Loss: 0.240891
Epoch: 20, Step: 2180, Loss: 0.24089
Epoch: 20, Step: 2190, Loss: 0.240889
Epoch: 20, Step: 2200, Loss: 0.240889
WARNING:tensorflow:******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:******************************************************
Epoch: 20, Step: 2210, Loss: 0.240888
Epoch: 20, Step: 2220, Loss: 0.240887
Epoch: 20, Step: 2230, Loss: 0.240886
Epoch: 20, Step: 2240, Loss: 0.240886
Epoch: 20, Step: 2250, Loss: 0.240885
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Epoch: 20, Step: 2260, Loss: 0.240884
Epoch: 20, Step: 2270, Loss: 0.240883
Epoch: 20, Step: 2280, Loss: 0.240883
Epoch: 20, Step: 2290, Loss: 0.240883
Epoch: 20, Step: 2300, Loss: 0.240882
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 20, Step: 2310, Loss: 0.240881
Epoch: 20, Step: 2320, Loss: 0.240881
Epoch: 20, Step: 2330, Loss: 0.24088
Epoch: 20, Step: 2340, Loss: 0.240879
Epoch: 20, Step: 2350, Loss: 0.240879
Epoch: 20, Step: 2360, Loss: 0.240878
Epoch: 20, Step: 2370, Loss: 0.240877
Epoch: 20, Step: 2380, Loss: 0.240877
Epoch: 20, Step: 2390, Loss: 0.240877
Epoch: 20, Step: 2400, Loss: 0.240876
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 20, Step: 2410, Loss: 0.240875
Epoch: 20, Step: 2420, Loss: 0.240875
Epoch: 20, Step: 2430, Loss: 0.240874
Epoch: 20, Step: 2440, Loss: 0.240874
Epoch: 20, Step: 2450, Loss: 0.240873
Model saved in file: ./save\model.ckpt
Epoch: 21, Step: 2100, Loss: 0.240873
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 21, Step: 2110, Loss: 0.240872
Epoch: 21, Step: 2120, Loss: 0.240872
Epoch: 21, Step: 2130, Loss: 0.240871
Epoch: 21, Step: 2140, Loss: 0.240871
Epoch: 21, Step: 2150, Loss: 0.24087
Epoch: 21, Step: 2160, Loss: 0.24087
Epoch: 21, Step: 2170, Loss: 0.24087
Epoch: 21, Step: 2180, Loss: 0.240869
Epoch: 21, Step: 2190, Loss: 0.240868
Epoch: 21, Step: 2200, Loss: 0.240868
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 21, Step: 2210, Loss: 0.240867
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Epoch: 21, Step: 2220, Loss: 0.240867
Epoch: 21, Step: 2230, Loss: 0.240866
Epoch: 21, Step: 2240, Loss: 0.240866
Epoch: 21, Step: 2250, Loss: 0.240865
Epoch: 21, Step: 2260, Loss: 0.240865
Epoch: 21, Step: 2270, Loss: 0.240865
Epoch: 21, Step: 2280, Loss: 0.240864
Epoch: 21, Step: 2290, Loss: 0.240864
Epoch: 21, Step: 2300, Loss: 0.240864
WARNING:tensorflow:*******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*******************************************************
Epoch: 21, Step: 2310, Loss: 0.240863
Epoch: 21, Step: 2320, Loss: 0.240863
Epoch: 21, Step: 2330, Loss: 0.240862
Epoch: 21, Step: 2340, Loss: 0.240862
Epoch: 21, Step: 2350, Loss: 0.240861
Epoch: 21, Step: 2360, Loss: 0.240861
Epoch: 21, Step: 2370, Loss: 0.240861
Epoch: 21, Step: 2380, Loss: 0.24086
Epoch: 21, Step: 2390, Loss: 0.24086
Epoch: 21, Step: 2400, Loss: 0.24086
WARNING:tensorflow:*******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*******************************************************
Epoch: 21, Step: 2410, Loss: 0.240859
Epoch: 21, Step: 2420, Loss: 0.240859
Epoch: 21, Step: 2430, Loss: 0.240859
Epoch: 21, Step: 2440, Loss: 0.240858
Epoch: 21, Step: 2450, Loss: 0.240858
Epoch: 21, Step: 2460, Loss: 0.240857
Epoch: 21, Step: 2470, Loss: 0.240857
Epoch: 21, Step: 2480, Loss: 0.240857
Epoch: 21, Step: 2490, Loss: 0.240856
Epoch: 21, Step: 2500, Loss: 0.240856
WARNING:tensorflow:*******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*******************************************************
Epoch: 21, Step: 2510, Loss: 0.240856
Epoch: 21, Step: 2520, Loss: 0.240856
Epoch: 21, Step: 2530, Loss: 0.240855
Epoch: 21, Step: 2540, Loss: 0.240855
Epoch: 21, Step: 2550, Loss: 0.240855
Model saved in file: ./save\model.ckpt
Epoch: 22, Step: 2200, Loss: 0.240855
WARNING:tensorflow:*******************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
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WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 22, Step: 2210, Loss: 0.240854
Epoch: 22, Step: 2220, Loss: 0.240854
Epoch: 22, Step: 2230, Loss: 0.240854
Epoch: 22, Step: 2240, Loss: 0.240853
Epoch: 22, Step: 2250, Loss: 0.240853
Epoch: 22, Step: 2260, Loss: 0.240853
Epoch: 22, Step: 2270, Loss: 0.240852
Epoch: 22, Step: 2280, Loss: 0.240852
Epoch: 22, Step: 2290, Loss: 0.240852
Epoch: 22, Step: 2300, Loss: 0.240852
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 22, Step: 2310, Loss: 0.240852
Epoch: 22, Step: 2320, Loss: 0.240851
Epoch: 22, Step: 2330, Loss: 0.240851
Epoch: 22, Step: 2340, Loss: 0.240851
Epoch: 22, Step: 2350, Loss: 0.24085
Epoch: 22, Step: 2360, Loss: 0.240851
Epoch: 22, Step: 2370, Loss: 0.240851
Epoch: 22, Step: 2380, Loss: 0.24085
Epoch: 22, Step: 2390, Loss: 0.24085
Epoch: 22, Step: 2400, Loss: 0.240849
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 22, Step: 2410, Loss: 0.240849
Epoch: 22, Step: 2420, Loss: 0.240849
Epoch: 22, Step: 2430, Loss: 0.240849
Epoch: 22, Step: 2440, Loss: 0.240849
Epoch: 22, Step: 2450, Loss: 0.240849
Epoch: 22, Step: 2460, Loss: 0.240848
Epoch: 22, Step: 2470, Loss: 0.240848
Epoch: 22, Step: 2480, Loss: 0.240847
Epoch: 22, Step: 2490, Loss: 0.240847
Epoch: 22, Step: 2500, Loss: 0.240847
WARNING:tensorflow:************************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:************************************************************
Epoch: 22, Step: 2510, Loss: 0.240847
Epoch: 22, Step: 2520, Loss: 0.240847
Epoch: 22, Step: 2530, Loss: 0.240847
Epoch: 22, Step: 2540, Loss: 0.240847
Epoch: 22, Step: 2550, Loss: 0.240846
Epoch: 22, Step: 2560, Loss: 0.240846
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Epoch: 22, Step: 2570, Loss: 0.240846
Epoch: 22, Step: 2580, Loss: 0.240846
Epoch: 22, Step: 2590, Loss: 0.240845
Epoch: 22, Step: 2600, Loss: 0.240845
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 22, Step: 2610, Loss: 0.240845
Epoch: 22, Step: 2620, Loss: 0.240845
Epoch: 22, Step: 2630, Loss: 0.240845
Epoch: 22, Step: 2640, Loss: 0.240845
Epoch: 22, Step: 2650, Loss: 0.240845
Model saved in file: ./save\model.ckpt
Epoch: 23, Step: 2300, Loss: 0.240844
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 23, Step: 2310, Loss: 0.240844
Epoch: 23, Step: 2320, Loss: 0.240844
Epoch: 23, Step: 2330, Loss: 0.240844
Epoch: 23, Step: 2340, Loss: 0.240844
Epoch: 23, Step: 2350, Loss: 0.240844
Epoch: 23, Step: 2360, Loss: 0.240844
Epoch: 23, Step: 2370, Loss: 0.240843
Epoch: 23, Step: 2380, Loss: 0.240844
Epoch: 23, Step: 2390, Loss: 0.240843
Epoch: 23, Step: 2400, Loss: 0.240843
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 23, Step: 2410, Loss: 0.240843
Epoch: 23, Step: 2420, Loss: 0.240843
Epoch: 23, Step: 2430, Loss: 0.240843
Epoch: 23, Step: 2440, Loss: 0.240843
Epoch: 23, Step: 2450, Loss: 0.240842
Epoch: 23, Step: 2460, Loss: 0.240842
Epoch: 23, Step: 2470, Loss: 0.240842
Epoch: 23, Step: 2480, Loss: 0.240842
Epoch: 23, Step: 2490, Loss: 0.240842
Epoch: 23, Step: 2500, Loss: 0.240842
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 23, Step: 2510, Loss: 0.240841
Epoch: 23, Step: 2520, Loss: 0.240841
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Epoch: 23, Step: 2530, Loss: 0.240841
Epoch: 23, Step: 2540, Loss: 0.240841
Epoch: 23, Step: 2550, Loss: 0.240841
Epoch: 23, Step: 2560, Loss: 0.240841
Epoch: 23, Step: 2570, Loss: 0.240841
Epoch: 23, Step: 2580, Loss: 0.24084
Epoch: 23, Step: 2590, Loss: 0.24084
Epoch: 23, Step: 2600, Loss: 0.24084
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 23, Step: 2610, Loss: 0.24084
Epoch: 23, Step: 2620, Loss: 0.24084
Epoch: 23, Step: 2630, Loss: 0.24084
Epoch: 23, Step: 2640, Loss: 0.24084
Epoch: 23, Step: 2650, Loss: 0.24084
Epoch: 23, Step: 2660, Loss: 0.24084
Epoch: 23, Step: 2670, Loss: 0.24084
Epoch: 23, Step: 2680, Loss: 0.240839
Epoch: 23, Step: 2690, Loss: 0.24084
Epoch: 23, Step: 2700, Loss: 0.240839
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 23, Step: 2710, Loss: 0.240839
Epoch: 23, Step: 2720, Loss: 0.240839
Epoch: 23, Step: 2730, Loss: 0.240839
Epoch: 23, Step: 2740, Loss: 0.240839
Epoch: 23, Step: 2750, Loss: 0.240839
Model saved in file: ./save\model.ckpt
Epoch: 24, Step: 2400, Loss: 0.240839
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:****************************************************
Epoch: 24, Step: 2410, Loss: 0.240839
Epoch: 24, Step: 2420, Loss: 0.240839
Epoch: 24, Step: 2430, Loss: 0.240838
Epoch: 24, Step: 2440, Loss: 0.240838
Epoch: 24, Step: 2450, Loss: 0.240838
Epoch: 24, Step: 2460, Loss: 0.240839
Epoch: 24, Step: 2470, Loss: 0.240838
Epoch: 24, Step: 2480, Loss: 0.240838
Epoch: 24, Step: 2490, Loss: 0.240838
Epoch: 24, Step: 2500, Loss: 0.240838
WARNING:tensorflow:****************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
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WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 24, Step: 2510, Loss: 0.240838
Epoch: 24, Step: 2520, Loss: 0.240837
Epoch: 24, Step: 2530, Loss: 0.240838
Epoch: 24, Step: 2540, Loss: 0.240837
Epoch: 24, Step: 2550, Loss: 0.240838
Epoch: 24, Step: 2560, Loss: 0.240837
Epoch: 24, Step: 2570, Loss: 0.240837
Epoch: 24, Step: 2580, Loss: 0.240837
Epoch: 24, Step: 2590, Loss: 0.240837
Epoch: 24, Step: 2600, Loss: 0.240837
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 24, Step: 2610, Loss: 0.240837
Epoch: 24, Step: 2620, Loss: 0.240837
Epoch: 24, Step: 2630, Loss: 0.240837
Epoch: 24, Step: 2640, Loss: 0.240837
Epoch: 24, Step: 2650, Loss: 0.240836
Epoch: 24, Step: 2660, Loss: 0.240837
Epoch: 24, Step: 2670, Loss: 0.240837
Epoch: 24, Step: 2680, Loss: 0.240837
Epoch: 24, Step: 2690, Loss: 0.240836
Epoch: 24, Step: 2700, Loss: 0.240836
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 24, Step: 2710, Loss: 0.240836
Epoch: 24, Step: 2720, Loss: 0.240836
Epoch: 24, Step: 2730, Loss: 0.240836
Epoch: 24, Step: 2740, Loss: 0.240836
Epoch: 24, Step: 2750, Loss: 0.240836
Epoch: 24, Step: 2760, Loss: 0.240836
Epoch: 24, Step: 2770, Loss: 0.240836
Epoch: 24, Step: 2780, Loss: 0.240836
Epoch: 24, Step: 2790, Loss: 0.240836
Epoch: 24, Step: 2800, Loss: 0.240836
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 24, Step: 2810, Loss: 0.240835
Epoch: 24, Step: 2820, Loss: 0.240835
Epoch: 24, Step: 2830, Loss: 0.240835
Epoch: 24, Step: 2840, Loss: 0.240835
Epoch: 24, Step: 2850, Loss: 0.240835
Model saved in file: ./save\model.ckpt
Epoch: 25, Step: 2500, Loss: 0.240835
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WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 25, Step: 2510, Loss: 0.240835
Epoch: 25, Step: 2520, Loss: 0.240835
Epoch: 25, Step: 2530, Loss: 0.240835
Epoch: 25, Step: 2540, Loss: 0.240835
Epoch: 25, Step: 2550, Loss: 0.240835
Epoch: 25, Step: 2560, Loss: 0.240835
Epoch: 25, Step: 2570, Loss: 0.240835
Epoch: 25, Step: 2580, Loss: 0.240835
Epoch: 25, Step: 2590, Loss: 0.240834
Epoch: 25, Step: 2600, Loss: 0.240835
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 25, Step: 2610, Loss: 0.240835
Epoch: 25, Step: 2620, Loss: 0.240835
Epoch: 25, Step: 2630, Loss: 0.240834
Epoch: 25, Step: 2640, Loss: 0.240835
Epoch: 25, Step: 2650, Loss: 0.240835
Epoch: 25, Step: 2660, Loss: 0.240835
Epoch: 25, Step: 2670, Loss: 0.240834
Epoch: 25, Step: 2680, Loss: 0.240834
Epoch: 25, Step: 2690, Loss: 0.240834
Epoch: 25, Step: 2700, Loss: 0.240834
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 25, Step: 2710, Loss: 0.240834
Epoch: 25, Step: 2720, Loss: 0.240834
Epoch: 25, Step: 2730, Loss: 0.240834
Epoch: 25, Step: 2740, Loss: 0.240834
Epoch: 25, Step: 2750, Loss: 0.240833
Epoch: 25, Step: 2760, Loss: 0.240834
Epoch: 25, Step: 2770, Loss: 0.240834
Epoch: 25, Step: 2780, Loss: 0.240834
Epoch: 25, Step: 2790, Loss: 0.240833
Epoch: 25, Step: 2800, Loss: 0.240834
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 25, Step: 2810, Loss: 0.240833
Epoch: 25, Step: 2820, Loss: 0.240833
Epoch: 25, Step: 2830, Loss: 0.240833
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Epoch: 25, Step: 2840, Loss: 0.240834
Epoch: 25, Step: 2850, Loss: 0.240833
Epoch: 25, Step: 2860, Loss: 0.240833
Epoch: 25, Step: 2870, Loss: 0.240833
Epoch: 25, Step: 2880, Loss: 0.240833
Epoch: 25, Step: 2890, Loss: 0.240833
Epoch: 25, Step: 2900, Loss: 0.240832
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 25, Step: 2910, Loss: 0.240832
Epoch: 25, Step: 2920, Loss: 0.240833
Epoch: 25, Step: 2930, Loss: 0.240833
Epoch: 25, Step: 2940, Loss: 0.240833
Epoch: 25, Step: 2950, Loss: 0.240833
Model saved in file: ./save\model.ckpt
Epoch: 26, Step: 2600, Loss: 0.240833
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 26, Step: 2610, Loss: 0.240833
Epoch: 26, Step: 2620, Loss: 0.240833
Epoch: 26, Step: 2630, Loss: 0.240833
Epoch: 26, Step: 2640, Loss: 0.240833
Epoch: 26, Step: 2650, Loss: 0.240833
Epoch: 26, Step: 2660, Loss: 0.240833
Epoch: 26, Step: 2670, Loss: 0.240833
Epoch: 26, Step: 2680, Loss: 0.240832
Epoch: 26, Step: 2690, Loss: 0.240832
Epoch: 26, Step: 2700, Loss: 0.240832
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:********************************************************
Epoch: 26, Step: 2710, Loss: 0.240832
Epoch: 26, Step: 2720, Loss: 0.240832
Epoch: 26, Step: 2730, Loss: 0.240833
Epoch: 26, Step: 2740, Loss: 0.240832
Epoch: 26, Step: 2750, Loss: 0.240832
Epoch: 26, Step: 2760, Loss: 0.240832
Epoch: 26, Step: 2770, Loss: 0.240832
Epoch: 26, Step: 2780, Loss: 0.240832
Epoch: 26, Step: 2790, Loss: 0.240831
Epoch: 26, Step: 2800, Loss: 0.240831
WARNING:tensorflow:********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
```

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WARNING:tensorflow:**********************************************************
Epoch: 26, Step: 2810, Loss: 0.240832
Epoch: 26, Step: 2820, Loss: 0.240832
Epoch: 26, Step: 2830, Loss: 0.240831
Epoch: 26, Step: 2840, Loss: 0.240832
Epoch: 26, Step: 2850, Loss: 0.240831
Epoch: 26, Step: 2860, Loss: 0.240831
Epoch: 26, Step: 2870, Loss: 0.240832
Epoch: 26, Step: 2880, Loss: 0.240831
Epoch: 26, Step: 2890, Loss: 0.240832
Epoch: 26, Step: 2900, Loss: 0.240832
WARNING:tensorflow:**********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:**********************************************************
Epoch: 26, Step: 2910, Loss: 0.240832
Epoch: 26, Step: 2920, Loss: 0.240831
Epoch: 26, Step: 2930, Loss: 0.240831
Epoch: 26, Step: 2940, Loss: 0.240831
Epoch: 26, Step: 2950, Loss: 0.240832
Epoch: 26, Step: 2960, Loss: 0.240831
Epoch: 26, Step: 2970, Loss: 0.24083
Epoch: 26, Step: 2980, Loss: 0.240831
Epoch: 26, Step: 2990, Loss: 0.240831
Epoch: 26, Step: 3000, Loss: 0.240831
WARNING:tensorflow:**********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:**********************************************************
Epoch: 26, Step: 3010, Loss: 0.240831
Epoch: 26, Step: 3020, Loss: 0.240831
Epoch: 26, Step: 3030, Loss: 0.24083
Epoch: 26, Step: 3040, Loss: 0.240831
Epoch: 26, Step: 3050, Loss: 0.24083
Model saved in file: ./save\model.ckpt
Epoch: 27, Step: 2700, Loss: 0.240831
WARNING:tensorflow:**********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:**********************************************************
Epoch: 27, Step: 2710, Loss: 0.240831
Epoch: 27, Step: 2720, Loss: 0.240831
Epoch: 27, Step: 2730, Loss: 0.24083
Epoch: 27, Step: 2740, Loss: 0.240831
Epoch: 27, Step: 2750, Loss: 0.24083
Epoch: 27, Step: 2760, Loss: 0.240831
Epoch: 27, Step: 2770, Loss: 0.240831
Epoch: 27, Step: 2780, Loss: 0.240831
Epoch: 27, Step: 2790, Loss: 0.240831
Epoch: 27, Step: 2800, Loss: 0.24083
WARNING:tensorflow:**********************************************************
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WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 27, Step: 2810, Loss: 0.24083
Epoch: 27, Step: 2820, Loss: 0.240831
Epoch: 27, Step: 2830, Loss: 0.240831
Epoch: 27, Step: 2840, Loss: 0.24083
Epoch: 27, Step: 2850, Loss: 0.240831
Epoch: 27, Step: 2860, Loss: 0.240829
Epoch: 27, Step: 2870, Loss: 0.24083
Epoch: 27, Step: 2880, Loss: 0.24083
Epoch: 27, Step: 2890, Loss: 0.24083
Epoch: 27, Step: 2900, Loss: 0.24083
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 27, Step: 2910, Loss: 0.24083
Epoch: 27, Step: 2920, Loss: 0.24083
Epoch: 27, Step: 2930, Loss: 0.24083
Epoch: 27, Step: 2940, Loss: 0.240829
Epoch: 27, Step: 2950, Loss: 0.24083
Epoch: 27, Step: 2960, Loss: 0.24083
Epoch: 27, Step: 2970, Loss: 0.24083
Epoch: 27, Step: 2980, Loss: 0.240832
Epoch: 27, Step: 2990, Loss: 0.240832
Epoch: 27, Step: 3000, Loss: 0.24083
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 27, Step: 3010, Loss: 0.240829
Epoch: 27, Step: 3020, Loss: 0.240828
Epoch: 27, Step: 3030, Loss: 0.240829
Epoch: 27, Step: 3040, Loss: 0.24083
Epoch: 27, Step: 3050, Loss: 0.240831
Epoch: 27, Step: 3060, Loss: 0.24083
Epoch: 27, Step: 3070, Loss: 0.240829
Epoch: 27, Step: 3080, Loss: 0.24083
Epoch: 27, Step: 3090, Loss: 0.24083
Epoch: 27, Step: 3100, Loss: 0.24083
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 27, Step: 3110, Loss: 0.240829
Epoch: 27, Step: 3120, Loss: 0.24083
Epoch: 27, Step: 3130, Loss: 0.240829
Epoch: 27, Step: 3140, Loss: 0.240831
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Epoch: 27, Step: 3150, Loss: 0.240829
Model saved in file: ./save\model.ckpt
Epoch: 28, Step: 2800, Loss: 0.240832
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 28, Step: 2810, Loss: 0.24083
Epoch: 28, Step: 2820, Loss: 0.240829
Epoch: 28, Step: 2830, Loss: 0.240835
Epoch: 28, Step: 2840, Loss: 0.240831
Epoch: 28, Step: 2850, Loss: 0.240824
Epoch: 28, Step: 2860, Loss: 0.240832
Epoch: 28, Step: 2870, Loss: 0.240829
Epoch: 28, Step: 2880, Loss: 0.240828
Epoch: 28, Step: 2890, Loss: 0.240828
Epoch: 28, Step: 2900, Loss: 0.240828
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 28, Step: 2910, Loss: 0.240827
Epoch: 28, Step: 2920, Loss: 0.240829
Epoch: 28, Step: 2930, Loss: 0.240835
Epoch: 28, Step: 2940, Loss: 0.240829
Epoch: 28, Step: 2950, Loss: 0.240826
Epoch: 28, Step: 2960, Loss: 0.240828
Epoch: 28, Step: 2970, Loss: 0.240832
Epoch: 28, Step: 2980, Loss: 0.240831
Epoch: 28, Step: 2990, Loss: 0.240838
Epoch: 28, Step: 3000, Loss: 0.240827
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
Epoch: 28, Step: 3010, Loss: 0.240833
Epoch: 28, Step: 3020, Loss: 0.240828
Epoch: 28, Step: 3030, Loss: 0.240826
Epoch: 28, Step: 3040, Loss: 0.240826
Epoch: 28, Step: 3050, Loss: 0.240828
Epoch: 28, Step: 3060, Loss: 0.240833
Epoch: 28, Step: 3070, Loss: 0.240829
Epoch: 28, Step: 3080, Loss: 0.240824
Epoch: 28, Step: 3090, Loss: 0.240828
Epoch: 28, Step: 3100, Loss: 0.240831
WARNING:tensorflow:***********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:    `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:***********************************************************
```

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Epoch: 28, Step: 3110, Loss: 0.240826
Epoch: 28, Step: 3120, Loss: 0.240832
Epoch: 28, Step: 3130, Loss: 0.240829
Epoch: 28, Step: 3140, Loss: 0.240829
Epoch: 28, Step: 3150, Loss: 0.240826
Epoch: 28, Step: 3160, Loss: 0.240831
Epoch: 28, Step: 3170, Loss: 0.240826
Epoch: 28, Step: 3180, Loss: 0.240831
Epoch: 28, Step: 3190, Loss: 0.240827
Epoch: 28, Step: 3200, Loss: 0.240833
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 28, Step: 3210, Loss: 0.240828
Epoch: 28, Step: 3220, Loss: 0.240829
Epoch: 28, Step: 3230, Loss: 0.240828
Epoch: 28, Step: 3240, Loss: 0.240832
Epoch: 28, Step: 3250, Loss: 0.240826
Model saved in file: ./save\model.ckpt
Epoch: 29, Step: 2900, Loss: 0.240826
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 29, Step: 2910, Loss: 0.24083
Epoch: 29, Step: 2920, Loss: 0.240829
Epoch: 29, Step: 2930, Loss: 0.240828
Epoch: 29, Step: 2940, Loss: 0.240828
Epoch: 29, Step: 2950, Loss: 0.240827
Epoch: 29, Step: 2960, Loss: 0.240825
Epoch: 29, Step: 2970, Loss: 0.240834
Epoch: 29, Step: 2980, Loss: 0.240833
Epoch: 29, Step: 2990, Loss: 0.240826
Epoch: 29, Step: 3000, Loss: 0.240827
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 29, Step: 3010, Loss: 0.240826
Epoch: 29, Step: 3020, Loss: 0.240829
Epoch: 29, Step: 3030, Loss: 0.240825
Epoch: 29, Step: 3040, Loss: 0.240827
Epoch: 29, Step: 3050, Loss: 0.24083
Epoch: 29, Step: 3060, Loss: 0.240828
Epoch: 29, Step: 3070, Loss: 0.240826
Epoch: 29, Step: 3080, Loss: 0.24083
Epoch: 29, Step: 3090, Loss: 0.240837
Epoch: 29, Step: 3100, Loss: 0.240828
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
```

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WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 29, Step: 3110, Loss: 0.240825
Epoch: 29, Step: 3120, Loss: 0.240833
Epoch: 29, Step: 3130, Loss: 0.240826
Epoch: 29, Step: 3140, Loss: 0.240829
Epoch: 29, Step: 3150, Loss: 0.240828
Epoch: 29, Step: 3160, Loss: 0.240825
Epoch: 29, Step: 3170, Loss: 0.240827
Epoch: 29, Step: 3180, Loss: 0.240834
Epoch: 29, Step: 3190, Loss: 0.240829
Epoch: 29, Step: 3200, Loss: 0.240827
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 29, Step: 3210, Loss: 0.240836
Epoch: 29, Step: 3220, Loss: 0.240827
Epoch: 29, Step: 3230, Loss: 0.240826
Epoch: 29, Step: 3240, Loss: 0.240828
Epoch: 29, Step: 3250, Loss: 0.240829
Epoch: 29, Step: 3260, Loss: 0.240828
Epoch: 29, Step: 3270, Loss: 0.240828
Epoch: 29, Step: 3280, Loss: 0.24083
Epoch: 29, Step: 3290, Loss: 0.240835
Epoch: 29, Step: 3300, Loss: 0.240824
WARNING:tensorflow:*********************************************************
WARNING:tensorflow:TensorFlow's V1 checkpoint format has been deprecated.
WARNING:tensorflow:Consider switching to the more efficient V2 format:
WARNING:tensorflow:   `tf.train.Saver(write_version=tf.train.SaverDef.V2)`
WARNING:tensorflow:now on by default.
WARNING:tensorflow:*********************************************************
Epoch: 29, Step: 3310, Loss: 0.240829
Epoch: 29, Step: 3320, Loss: 0.240822
Epoch: 29, Step: 3330, Loss: 0.240832
Epoch: 29, Step: 3340, Loss: 0.240823
Epoch: 29, Step: 3350, Loss: 0.240828
Model saved in file: ./save\model.ckpt
Run the command line:
--> tensorboard --logdir=./logs
Then open http://0.0.0.0:6006/ (http://0.0.0.0:6006/) into your web browser
```

After saving the model and checkpoint in save directory we will run the run_dataset.py to visualize the output