# HW 2 - CBOW-1

February 10, 2023

```python
import time
import torch
from torch.utils.data import DataLoader, TensorDataset
from torchtext.data.utils import get_tokenizer
from torchtext.datasets import DATASETS
from torchtext.vocab import build_vocab_from_iterator
import torch.nn as nn
from tqdm import tqdm
import pickle
import random
import numpy as np
from collections import Counter, defaultdict
import numpy as np
import matplotlib.pyplot as plt
from sklearn.decomposition import PCA
from gensim.test.utils import datapath, get_tmpfile
from gensim.models import KeyedVectors
import gensim.downloader
from torch import FloatTensor as FT


# Get the interactive Tools for Matplotlib
%matplotlib notebook
%matplotlib inline


plt.style.use('ggplot')
```

```
c:\Users\Alex\miniconda3\lib\site-packages\tqdm\auto.py:22: TqdmWarning:
IProgress not found. Please update jupyter and ipywidgets. See
https://ipywidgets.readthedocs.io/en/stable/user_install.html
  from .autonotebook import tqdm as notebook_tqdm
```

```python
import torch
torch.cuda.is_available()
```

```
True
```

### 0.0.1 Instructions

For this part, fill in the required code and make the notebook work. This wll be very similar to the Skip-Gram model, but a little more difficult. Look for the """ FILL IN """ string to guide you.

```python
# Where do I want to run my job. You can do "cuda" on linux machines.
DEVICE = torch.device("cuda:0" if torch.cuda.is_available() else "cpu")
# The batch size in Adam or SGD.
BATCH_SIZE = 512
# Number of epochs.
NUM_EPOCHS = 10
# Predict from 2 words the inner word for CBOW.
# I.e. I'll have a window like ["a", "b", "c"] of continuous text (each is a
 →word).
# We'll predict each of wc = ["a", "c"] from "b" = wc for Skip-Gram.
# For CBOW, we'll use ["a", "c"] to predict "b" = wo.
WINDOW = 1


# Negative samples.
K = 4
```

```
[ ]:
```

The text8 Wikipedia corpus. 100M characters.

```python
!du -h text8
```

```
'du' is not recognized as an internal or external command,
operable program or batch file.
```

```python
f = open('text8', 'r')
text = f.read()
# One big string of size 100M.
print(len(text))
```

```
100000000
```

```python
punc = '!"#$%&()*+,-./:;<=>?@[\\]^_\'{|}~\t\n'

# Can do regular expressions here too.
for c in punc:
    if c in text:
        text.replace(c, ' ')
```

```
[ ]:
```

```python
# A very crude tokenizer you get for free: lower case and also split on spaces.
TOKENIZER = get_tokenizer("basic_english")
```

```
[ ]: words = TOKENIZER(text)
     f = Counter(words)
```

```
[ ]: len(words)
```

```
[ ]: 17005207
```

```
[ ]: # Do a very crude filter on the text which removes all very popular words.
     text = [word for word in words if f[word] > 5]
```

```
[ ]: text[0:5]
```

```
[ ]: ['anarchism', 'originated', 'as', 'a', 'term']
```

```
[ ]: VOCAB = build_vocab_from_iterator([text])
```

```
[ ]: # word -> int hash map.
     stoi = VOCAB.get_stoi()
     # int -> word hash map.
     itos = VOCAB.get_itos()
```

```
[ ]: stoi['as']
```

```
[ ]: 11
```

```
[ ]: # Total number of words.
     len(stoi)
```

```
[ ]: 63641
```

```
[ ]: f = Counter(text)
     # This is the probability that we pick a word in the corpus.
     z = {word: f[word] / len(text) for word in f}
```

```
[ ]: threshold = 1e-5
     # Probability that word is kept while subsampling.
     # This is explained here and sightly differet from the paper: http://
      ↪mccormickml.com/2017/01/11/word2vec-tutorial-part-2-negative-sampling/
     p_keep = {word: (np.sqrt(z[word] / 0.001) + 1)*(0.0001 / z[word]) for word in f}
```

```
[ ]: # This is in the integer space.
     train_dataset = [word for word in text if random.random() < p_keep[word]]

     # Rebuild the vocabulary.
     VOCAB = build_vocab_from_iterator([train_dataset])
```

```
[ ]: len(train_dataset)
```

```
[ ]: 7845879
```

```
[ ]: # word -> int mapping.
     stoi = VOCAB.get_stoi()
     # int -> word mapping.
     itos = VOCAB.get_itos()
```

```
[ ]: # The vocabulary size after we do all the filters.
     len(VOCAB)
```

```
[ ]: 63641
```

```
[ ]: # The probability we draw something for negative sampling.
     f = Counter(train_dataset)
     p = torch.zeros(len(VOCAB))

     # Downsample frequent words and upsample less frequent.
     s = sum([np.power(freq, 0.75) for word, freq in f.items()])

     for word in f:
         p[stoi[word]] = np.power(f[word], 0.75) / s
```

```
[ ]: # Map everything to integers.
     train_dataset = [stoi[word] for word in text]
```

```
[ ]: # This just gets the (wc, wo) pairs that are positive - they are seen together!
     def get_tokenized_dataset(dataset, verbose=False):
         x_list = []

         for i, token in enumerate(dataset):
             m = 1

             # Get the left and right tokens.
             start = max(0,i-m)
             left_tokens = dataset[start:i]

             end = min(i+m,len(dataset)-1)
             right_tokens = dataset[i+1:end+1]

             # Check these are the same length, and if so use them to add a row of
     ↪data. This should be a list like.
             # [a, c, b] where b is the center word.
             if len(left_tokens) == len(right_tokens):
                 w_context = left_tokens + right_tokens

                 wc = token
```

```
            x_list.extend(
                [w_context + [wc]]
            )

    return x_list
```

```
[ ]: train_x_list = get_tokenized_dataset(train_dataset, verbose=False)
```

```
[ ]: pickle.dump(train_x_list, open('train_x_list.pkl', 'wb'))
```

```
[ ]: train_x_list = pickle.load(open('train_x_list.pkl', 'rb'))
```

```
[ ]: # These are (wc, wo) pairs. All are y = +1 by design.
     train_x_list[:10]
```

```
[ ]: [[5233, 12, 3083],
      [3083, 5, 12],
      [12, 174, 5],
      [5, 1, 174],
      [174, 3133, 1],
      [1, 45, 3133],
      [3133, 58, 45],
      [45, 177, 58],
      [58, 117, 177],
      [177, 741, 117]]
```

```
[ ]: len(train_x_list)// BATCH_SIZE
```

```
[ ]: 32579
```

```
[ ]: # The number of things of BATCH_SIZE = 512.
     assert(len(train_x_list) // BATCH_SIZE == 32579)
```

```
[ ]:
```

### 0.0.2 Set up the dataloader.

```
[ ]: train_dl = DataLoader(
         TensorDataset(
             torch.tensor(train_x_list).to(DEVICE),
         ),
         batch_size=BATCH_SIZE,
         shuffle=True
     )
```

```python
for xb in train_dl:
    assert(xb[0].shape == (BATCH_SIZE, 3))
    break
```

```python

```

### 0.0.3 Words we'll use to asses the quality of the model ...

```python
valid_ids = torch.tensor([
    stoi['money'],
    stoi['lion'],
    stoi['africa'],
    stoi['musician'],
    stoi['dance'],
])
```

```python

```

### 0.0.4 Get the model.

```python
class CBOWNegativeSampling(nn.Module):
    def __init__(self, vocab_size, embed_dim):
        super(CBOWNegativeSampling, self).__init__()
        self.A = nn.Embedding(vocab_size, embed_dim) # Context vectors - center
→word.
        self.B = nn.Embedding(vocab_size, embed_dim) # Output vectors - words
→around the center word.
        self.init_weights()

    def init_weights(self):
        # Is this the best way? Not sure.
        initrange = 0.5
        self.A.weight.data.uniform_(-initrange, initrange)
        self.B.weight.data.uniform_(-initrange, initrange)

    def forward(self, x):
        # N is the batch size.
        # x is (N, 3)

        # Context words are 2m things, m = 1 so w_context is (N, 2) while wc is
→(N, 1)
        w_context, wc = x[:,0:2], x[:,2]

        # Each of these is (N, 2, D) since each context has 2 word.
        # We want this to be (N, D) and this is what we get.
```

```python
        # (N, 2, D)
        a = self.A(w_context)

        # (N, D)
        a_avg = torch.mean(a, dim=1)

        # Each of these is (N, D) since each target has 1 word.
        b = self.B(wc)

        # The product between each context and target vector. Look at the
→Skip-Gram code.
        # The logits is now (N, 1) since we sum across the final dimension.
        logits = torch.sum(a_avg*b, dim=1).to(DEVICE)

        return logits
```

```python
[ ]:
```

```python
[ ]: @torch.no_grad()
     def validate_embeddings(
         model,
         valid_ids,
         itos
     ):
         """ Validation logic """

         # We will use context embeddings to get the most similar words
         # Other strategies include: using target embeddings, mean embeddings after
     →avaraging context/target
         embedding_weights = model.A.weight

         normalized_embeddings = embedding_weights.cpu() / np.sqrt(
             np.sum(embedding_weights.cpu().numpy()**2, axis=1, keepdims=True)
         )

         # Get the embeddings corresponding to valid_term_ids
         valid_embeddings = normalized_embeddings[valid_ids, :]

         # Compute the similarity between valid_term_ids (S) and all the embeddings
     →(V).
         # We do S x d (d x V) => S x D and sort by negative similarity.
         top_k = 10 # Top k items will be displayed.
         similarity = np.dot(valid_embeddings.cpu().numpy(), normalized_embeddings.
     →cpu().numpy().T)

         # Invert similarity matrix to negative
         # Ignore the first one because that would be the same word as the probe word
```

```python
        similarity_top_k = np.argsort(-similarity, axis=1)[:, 1: top_k+1]

        # Print the output.
        for i, word_id in enumerate(valid_ids):
            # j >= 1 here since we don't want to include the word itself.
            similar_word_str = ', '.join([itos[j] for j in similarity_top_k[i, :]
    ↪if j >= 1])
            print(f"{itos[word_id]}: {similar_word_str}")

        print('\n')
```

[ ]:

### 0.0.5  Set up the model

```python
LR = 10.0
NUM_EPOCHS = 10
EMBED_DIM = 300
```

```python
model = CBOWNegativeSampling(len(VOCAB), EMBED_DIM).to(DEVICE)
optimizer = torch.optim.SGD(model.parameters(), lr=LR)
# The learning rate is lowered every epoch by 1/10.
# Is this a good idea?
scheduler = torch.optim.lr_scheduler.StepLR(optimizer, 1, gamma=0.1)
```

```python
model
```

```
CBOWNegativeSampling(
    (A): Embedding(63641, 300)
    (B): Embedding(63641, 300)
)
```

```python
validate_embeddings(model, valid_ids, itos)
```

```
money: mjf, reckoning, citymayors, airtime, trustees, aengus, renting,
wormholes, teutonic, copper
lion: marge, loam, participated, neatly, impart, race, matlab, reconstructing,
prince, interleague
africa: squeezing, shrews, freleng, lid, mindy, outclassed, brigitte,
endothelial, koo, heartbreaker
musician: armature, priesthoods, banacek, devour, televangelist, kaveri, mogens,
cato, cloned, lamiaceae
dance: adirondack, dontrelle, grouping, buscema, bres, transhumanism, final,
winningest, overturn, syntax
```

```
[ ]:
```

### 0.0.6   Train the model

```
[ ]: ratios = []

     def train(dataloader, model, optimizer, epoch):
         model.train()
         total_acc, total_count, total_loss, total_batches = 0, 0, 0.0, 0.0
         log_interval = 500

         for idx, x_batch in tqdm(enumerate(dataloader)):

             x_batch = x_batch[0]

             batch_size = x_batch.shape[0]

             # Zero the gradient so they don't accumulate.
             optimizer.zero_grad()

             logits = model(x_batch)

             # Get the positive samples loss. Notice we use weights here.
             positive_loss = torch.nn.BCEWithLogitsLoss()(input=logits, target=torch.
     ↪ones(batch_size).to(DEVICE).float())

             # For each batch, get some negative samples.
             # We need a total of len(y_batch) * 2* WINDOW * K samples across a␣
     ↪batch.
             # We then reshape this batch.
             # These are effectively the output words.

             negative_samples = torch.multinomial(p, batch_size * K,␣
     ↪replacement=True)
             # print("negative_samples", negative_samples.size())

             # Context words are 2m things, m = 1 so w_context is (N, 2) while wc is␣
     ↪(N, 1)
             w_context, wc = x_batch[:,0:2].to('cpu'), negative_samples
             # print("w_context", w_context.size())
             # print("wc", wc.size())

             """
             if w_context looks like below (batch_size = 3)
             [
             (a, b),
             (c, d),
```

```python
    (e, f)
    ] and K = 2 we'd like to get:

    [
    (a, b),
    (a, b),
    (c, d),
    (c, d),
    (e, f),
    (e, f)
    ]

    This will be batch_size * K rows.
    """

    # This should be (N * K, 2)
    w_context = torch.concat([
        w.repeat(K, 1) for w in torch.tensor(w_context).split(1)
    ])

    # Remove the last dimension 1.

    wc = wc.view(wc.size()[0],1)
    # print("w_context", w_context.size())
    # print("wc", wc.size())

    # Get the negative samples. This should be (N * K, 3).
    # Concatenate the w_context and wc along the column. Make sure␣
→everything is on CUDA / MPS or CPU.
    x_batch_negative = torch.cat([w_context, wc], axis = 1).to(DEVICE)

    """
    Note the way we formulated the targets: they are all 0 since these are␣
→negative samples.
    We do the BCEWithLogitsLoss by hand basically here.
    Notice we sum across the negative samples, per positive word.

    This is literally the equation in the lecture notes.
    """

    # (N, K, D) -> (N, D) -> (N)
    # Look at the Skip-Gram notebook.
    negative_loss = model(x_batch_negative).neg().sigmoid().log().reshape(
        batch_size, K
    ).sum(1).mean().neg().to(DEVICE)

    loss = (positive_loss + negative_loss).mean()
```

```python
        # Get the gradients via back propagation.
        loss.backward()

        # Clip the gradients? Generally a good idea.
        torch.nn.utils.clip_grad_norm_(model.parameters(), 0.1)

        # Used for optimization. This should be roughly 0.001, on average.
        # You can use this to see if your learning rate is right - you can also
→plot the loss performance.
        with torch.no_grad():
            r = [
                (LR * p.grad.std() / p.data.std()).log10().item() for _, p in
→model.named_parameters()
            ]
            ratios.append(r)

        # Do an optimization step. Update the parameters A and B.
        optimizer.step()
        # Get the new loss.
        total_loss += loss.item()
        # Update the batch count.
        total_batches += 1

        if idx % log_interval == 0:
            print(
                "| epoch {:3d} | {:5d}/{:5d} batches "
                "| loss {:8.3f} ".format(
                    epoch,
                    idx,
                    len(dataloader),
                    total_loss / total_batches
                )
            )
            validate_embeddings(model, valid_ids, itos)
            total_loss, total_batches = 0.0, 0.0
```

[ ]:

### 0.0.7 Some results from the run look like below:

Somewhere inside of 2 iterations you should get sensible associattions. Paste here a screenshot of the closest vectors.

```python
for epoch in range(1, NUM_EPOCHS + 1):
    epoch_start_time = time.time()
```

```
    train(train_dl, model, optimizer, epoch)
    # We have a learning rate scheduler here.
    # Basically, given the state of the optimizer, this lowers the learning␣
 ↪rate in a smart way.
    scheduler.step()
```

0it [00:00,
?it/s]C:\Users\Alex\AppData\Local\Temp\ipykernel_24028\973106114.py:57:
UserWarning: To copy construct from a tensor, it is recommended to use
sourceTensor.clone().detach() or
sourceTensor.clone().detach().requires_grad_(True), rather than
torch.tensor(sourceTensor).
  w.repeat(K, 1) for w in torch.tensor(w_context).split(1)
1it [00:00,  1.23it/s]

| epoch   1 |     0/32580 batches | loss    4.079
money: mjf, reckoning, citymayors, airtime, trustees, aengus, renting,
wormholes, teutonic, copper
lion: marge, loam, participated, neatly, impart, race, matlab, reconstructing,
prince, interleague
africa: squeezing, shrews, freleng, lid, mindy, outclassed, brigitte,
endothelial, koo, heartbreaker
musician: armature, priesthoods, banacek, devour, televangelist, kaveri, mogens,
cato, cloned, lamiaceae
dance: adirondack, dontrelle, grouping, buscema, bres, transhumanism, final,
winningest, overturn, syntax


505it [00:08, 56.65it/s]

| epoch   1 |   500/32580 batches | loss    3.720
money: mjf, reckoning, citymayors, airtime, trustees, aengus, renting,
wormholes, teutonic, logrus
lion: marge, loam, participated, neatly, impart, race, matlab, prince,
reconstructing, interleague
africa: squeezing, shrews, lid, mindy, outclassed, freleng, brigitte, koo,
endothelial, heartbreaker
musician: armature, priesthoods, banacek, devour, televangelist, kaveri, mogens,
lamiaceae, cato, cloned
dance: adirondack, dontrelle, grouping, buscema, bres, transhumanism, final,
winningest, syntax, althea


1008it [00:14, 58.77it/s]

| epoch   1 |  1000/32580 batches | loss    3.358
money: mjf, reckoning, citymayors, airtime, trustees, aengus, renting,
wormholes, teutonic, inexorably
```

```
lion: marge, participated, loam, neatly, impart, race, prince, matlab,
reconstructing, interleague
africa: shrews, squeezing, mindy, outclassed, lid, brigitte, freleng, koo,
endothelial, zawahiri
musician: armature, priesthoods, banacek, televangelist, kaveri, devour, mogens,
cato, benn, lamiaceae
dance: adirondack, dontrelle, buscema, grouping, bres, transhumanism, final,
insurgencies, syntax, althea


1503it [00:21, 58.90it/s]

| epoch   1 |  1500/32580 batches | loss    3.026
money: mjf, citymayors, reckoning, airtime, trustees, renting, aengus,
wormholes, teutonic, inexorably
lion: marge, participated, loam, neatly, impart, race, prince, matlab,
reconstructing, interleague
africa: squeezing, shrews, mindy, outclassed, lid, brigitte, zawahiri, freleng,
rep, koo
musician: armature, priesthoods, banacek, kaveri, televangelist, devour, mogens,
cato, lamiaceae, benn
dance: adirondack, dontrelle, buscema, grouping, bres, transhumanism, final,
insurgencies, syntax, althea


2007it [00:28, 58.00it/s]

| epoch   1 |  2000/32580 batches | loss    2.789
money: mjf, citymayors, airtime, reckoning, trustees, renting, aengus, saxonis,
wormholes, inexorably
lion: marge, participated, loam, neatly, impart, race, prince, matlab,
reconstructing, emanates
africa: mindy, squeezing, shrews, but, outclassed, zawahiri, lid, freleng, rep,
anthropology
musician: armature, priesthoods, kaveri, televangelist, banacek, devour, v,
cato, mogens, cloned
dance: adirondack, dontrelle, buscema, bres, final, grouping, transhumanism,
heian, insurgencies, winningest


2503it [00:35, 59.71it/s]

| epoch   1 |  2500/32580 batches | loss    2.617
money: mjf, citymayors, airtime, trustees, reckoning, renting, aengus, scarface,
saxonis, sirens
lion: marge, participated, neatly, loam, impart, race, prince, matlab,
reconstructing, emanates
africa: mindy, squeezing, but, shrews, zawahiri, lid, outclassed, rep, became,
```

anthropology
musician: armature, priesthoods, kaveri, televangelist, v, banacek, devour, mogens, cato, cloned
dance: adirondack, final, buscema, dontrelle, bres, grouping, heian, insurgencies, transhumanism, althea


3007it [00:42, 57.00it/s]

| epoch    1 |   3000/32580 batches | loss    2.482
money: mjf, citymayors, airtime, trustees, reckoning, aengus, renting, short, scarface, saxonis
lion: marge, participated, neatly, loam, impart, race, matlab, reconstructing, prince, emanates
africa: but, world, mindy, became, and, k, use, zawahiri, he, group
musician: armature, priesthoods, kaveri, v, televangelist, banacek, devour, cato, cloned, mogens
dance: adirondack, final, dontrelle, buscema, heian, bres, grouping, insurgencies, transhumanism, lesbians


3503it [00:49, 58.79it/s]

| epoch    1 |   3500/32580 batches | loss    2.379
money: mjf, citymayors, airtime, short, people, church, it, trustees, called, so
lion: marge, participated, loam, neatly, impart, race, reconstructing, prince, matlab, bdeac
africa: world, but, he, two, use, became, b, was, k, group
musician: priesthoods, v, armature, kaveri, televangelist, devour, cato, cloned, banacek, hejira
dance: adirondack, final, dontrelle, heian, buscema, bres, grouping, insurgencies, lesbians, transhumanism


4005it [00:56, 59.00it/s]

| epoch    1 |   4000/32580 batches | loss    2.284
money: short, called, mjf, so, people, church, citymayors, it, there, often
lion: marge, participated, loam, neatly, impart, race, reconstructing, prince, matlab, bdeac
africa: world, but, use, would, b, had, became, he, made, eight
musician: v, priesthoods, armature, kaveri, televangelist, english, hejira, devour, cato, de
dance: adirondack, final, dontrelle, heian, buscema, bres, insurgencies, stirrups, wolfgang, lesbians

```
4500it [01:03, 71.87it/s]

| epoch   1 |   4500/32580 batches | loss     2.218
money: called, so, short, people, often, there, church, world, it, will
lion: marge, participated, loam, race, neatly, impart, reconstructing, bdeac,
prince, matlab
africa: world, but, use, b, eight, made, two, would, some, had
musician: v, priesthoods, armature, kaveri, language, english, by,
televangelist, hejira, de
dance: final, adirondack, heian, buscema, dontrelle, university, stirrups,
insurgencies, bres, wolfgang


5003it [01:10, 58.29it/s]

| epoch   1 |   5000/32580 batches | loss     2.154
money: called, so, often, people, short, there, it, church, united, them
lion: marge, race, participated, loam, neatly, impart, reconstructing, prince,
bdeac, matlab
africa: world, but, use, made, b, group, some, eight, two, became
musician: v, language, english, priesthoods, armature, kaveri, de, us, new, g
dance: final, adirondack, university, buscema, heian, new, dontrelle, natural,
stirrups, insurgencies


5508it [01:17, 60.37it/s]

| epoch   1 |   5500/32580 batches | loss     2.104
money: people, so, often, called, there, short, united, it, them, church
lion: marge, participated, race, loam, impart, neatly, reconstructing, prince,
bdeac, matlab
africa: world, use, but, made, b, group, what, part, eight, two
musician: v, english, language, g, original, us, de, new, use, california
dance: final, university, new, adirondack, natural, buscema, heian, dontrelle,
through, stirrups


6001it [01:24, 57.47it/s]

| epoch   1 |   6000/32580 batches | loss     2.059
money: so, people, called, them, united, often, short, c, there, government
lion: marge, race, participated, loam, impart, neatly, reconstructing, prince,
bdeac, matlab
africa: world, made, use, part, but, group, what, nine, four, b
musician: v, language, english, original, new, g, us, by, california, use
dance: final, university, new, natural, through, adirondack, four, long, high,
eight
```

6504it [01:31, 58.47it/s]

| epoch   1 |  6500/32580 batches | loss    2.016
money: people, so, often, them, called, government, united, c, short, church
lion: marge, race, participated, impart, loam, neatly, reconstructing, prince,
bdeac, matlab
africa: world, made, use, part, what, nine, group, but, eight, time
musician: v, language, english, original, us, g, new, by, california, de
dance: final, university, new, four, long, through, natural, high, seven, eight


7003it [01:39, 57.62it/s]

| epoch   1 |  7000/32580 batches | loss    1.976
money: people, so, often, them, government, united, called, c, short, used
lion: marge, race, participated, impart, loam, neatly, reconstructing, prince,
bdeac, matlab
africa: world, use, part, made, nine, what, group, eight, time, four
musician: v, language, english, original, us, g, by, new, california, order
dance: final, university, new, long, four, natural, eight, high, zero, through


7505it [01:46, 57.28it/s]

| epoch   1 |  7500/32580 batches | loss    1.945
money: people, often, government, them, so, united, c, short, called, if
lion: marge, race, participated, impart, loam, neatly, reconstructing, prince,
bdeac, matlab
africa: use, world, part, made, what, group, time, nine, eight, but
musician: language, v, english, original, us, g, order, california, de, france
dance: final, university, new, long, natural, zero, four, high, u, state


8006it [01:52, 61.69it/s]

| epoch   1 |  8000/32580 batches | loss    1.914
money: them, often, so, people, government, united, called, short, c, used
lion: marge, race, participated, impart, loam, neatly, reconstructing, prince,
bdeac, programming
africa: part, use, world, made, what, group, time, nine, country, two
musician: language, english, v, original, us, g, led, california, order, c
dance: final, university, new, zero, long, four, high, u, natural, seven


8509it [01:59, 63.38it/s]

```
| epoch   1 |  8500/32580 batches | loss    1.889
money: them, so, often, government, people, united, if, called, work, short
lion: race, marge, participated, impart, loam, neatly, reconstructing, prince,
bdeac, programming
africa: part, use, world, made, group, what, time, country, nine, them
musician: language, english, v, original, led, order, us, g, france, c
dance: final, university, new, zero, long, u, high, seven, four, natural
```

```
9005it [02:06, 61.87it/s]
```

```
| epoch   1 |  9000/32580 batches | loss    1.861
money: them, often, government, so, people, united, work, called, if, well
lion: race, marge, participated, impart, loam, prince, neatly, reconstructing,
bdeac, programming
africa: part, world, use, group, made, nine, what, country, time, eight
musician: language, english, v, original, led, us, order, france, g, c
dance: final, university, four, new, long, high, seven, u, zero, eight
```

```
9501it [02:12, 61.49it/s]
```

```
| epoch   1 |  9500/32580 batches | loss    1.841
money: them, so, people, united, government, often, work, well, called, if
lion: race, participated, marge, impart, loam, neatly, prince, reconstructing,
real, bdeac
africa: part, world, use, what, group, made, nine, country, eight, seven
musician: language, english, v, led, us, original, order, five, california, g
dance: final, four, university, new, long, u, high, zero, seven, state
```

```
10004it [02:19, 60.24it/s]
```

```
| epoch   1 | 10000/32580 batches | loss    1.815
money: them, so, people, united, often, work, government, well, if, god
lion: race, participated, marge, impart, prince, loam, reconstructing, neatly,
real, programming
africa: part, use, world, what, group, nine, country, made, south, time
musician: language, english, v, led, original, order, us, france, german, nine
dance: four, final, new, university, u, zero, high, seven, long, father
```

```
10507it [02:26, 61.05it/s]
```

```
| epoch   1 | 10500/32580 batches | loss    1.793
money: them, people, so, often, united, work, government, god, well, example
lion: race, participated, marge, impart, prince, neatly, loam, reconstructing,
real, programming
```

```
africa: part, use, world, what, group, country, nine, made, death, england
musician: language, english, v, led, order, german, us, original, actor, france
dance: four, final, university, eight, new, u, seven, father, long, study
```

11003it [02:33, 61.35it/s]

```
| epoch   1 | 11000/32580 batches | loss     1.774
money: them, people, work, united, so, often, government, god, well, example
lion: race, participated, marge, prince, impart, real, programming, neatly,
reconstructing, loam
africa: part, use, nine, what, world, country, group, south, death, made
musician: language, english, v, german, led, order, actor, original, us, france
dance: final, four, u, father, eight, study, seven, long, new, y
```

11507it [02:39, 59.50it/s]

```
| epoch   1 | 11500/32580 batches | loss     1.756
money: them, people, work, united, so, often, god, example, name, used
lion: race, participated, marge, prince, real, impart, programming, neatly,
reconstructing, loam
africa: part, use, world, nine, what, country, group, south, death, made
musician: language, english, actor, german, led, v, order, original, nine, us
dance: final, four, eight, father, study, new, high, long, y, u
```

12003it [02:46, 61.07it/s]

```
| epoch   1 | 12000/32580 batches | loss     1.744
money: them, work, so, people, united, often, god, name, example, well
lion: race, participated, marge, prince, real, programming, impart, neatly,
reconstructing, loam
africa: part, use, nine, world, country, south, what, group, england, u
musician: language, english, actor, nine, led, order, original, us, german, v
dance: final, four, eight, father, study, u, long, new, y, seven
```

12507it [02:53, 60.13it/s]

```
| epoch   1 | 12500/32580 batches | loss     1.719
money: them, so, united, work, people, often, god, example, well, name
lion: race, participated, marge, prince, real, programming, impart, neatly,
reconstructing, fundamental
africa: part, country, use, what, south, group, nine, world, u, england
musician: language, actor, order, led, english, nine, german, original, us, v
dance: final, four, study, father, u, y, eight, long, time, seven
```

```
13003it [03:00, 58.62it/s]

| epoch   1 | 13000/32580 batches | loss    1.705
money: so, them, god, united, work, example, people, well, name, often
lion: race, participated, prince, marge, real, programming, impart, neatly,
fundamental, reconstructing
africa: part, country, what, nine, south, world, use, england, group, end
musician: actor, led, order, language, english, nine, original, seven, france,
us
dance: final, study, father, y, u, long, four, eight, city, union


13506it [03:07, 59.64it/s]

| epoch   1 | 13500/32580 batches | loss    1.700
money: so, them, god, work, example, united, well, often, people, rather
lion: race, participated, prince, real, marge, programming, impart, fundamental,
neatly, reconstructing
africa: part, country, south, nine, what, group, england, use, end, u
musician: actor, english, language, led, seven, order, nine, france, original,
german
dance: final, father, study, y, u, union, city, eight, four, music


14002it [03:13, 61.43it/s]

| epoch   1 | 14000/32580 batches | loss    1.681
money: so, them, god, example, work, united, well, often, people, rather
lion: race, participated, prince, real, marge, programming, impart, fundamental,
neatly, reconstructing
africa: part, country, nine, south, group, what, england, end, use, u
musician: actor, led, english, language, nine, seven, order, original, france,
german
dance: father, final, u, study, y, city, four, union, seven, music


14505it [03:20, 60.57it/s]

| epoch   1 | 14500/32580 batches | loss    1.669
money: so, them, god, example, well, work, often, united, rather, people
lion: race, real, prince, participated, programming, marge, impart, fundamental,
neatly, reconstructing
africa: part, country, nine, south, england, group, what, end, use, u
musician: actor, nine, led, english, language, france, seven, order, original,
german
dance: father, final, study, city, y, u, union, four, music, long
```

```
15008it [03:26, 63.59it/s]

| epoch   1 | 15000/32580 batches | loss    1.656
money: them, so, example, god, often, well, work, united, men, rather
lion: race, prince, real, participated, programming, marge, impart, fundamental,
magnetic, large
africa: part, country, nine, south, england, end, group, u, europe, what
musician: actor, nine, led, seven, france, order, english, result, original,
writer
dance: father, study, final, u, y, city, union, four, music, zero


15504it [03:33, 60.40it/s]

| epoch   1 | 15500/32580 batches | loss    1.647
money: them, god, so, often, example, work, well, united, fact, men
lion: race, real, prince, participated, programming, marge, fundamental, impart,
large, magnetic
africa: part, country, nine, south, england, end, group, u, europe, what
musician: actor, nine, led, france, seven, order, english, language, result,
writer
dance: father, u, study, city, final, y, four, union, zero, music


16007it [03:40, 61.38it/s]

| epoch   1 | 16000/32580 batches | loss    1.636
money: them, so, often, god, example, work, fact, men, well, rather
lion: race, prince, real, participated, programming, marge, fundamental, large,
impart, magnetic
africa: part, country, nine, england, south, end, europe, u, group, united
musician: actor, nine, led, france, seven, english, order, writer, result, born
dance: father, u, study, final, city, y, two, six, music, four


16502it [03:46, 59.95it/s]

| epoch   1 | 16500/32580 batches | loss    1.622
money: so, them, often, god, example, work, men, fact, rather, well
lion: race, real, prince, participated, programming, marge, fundamental, large,
magnetic, treatment
africa: part, country, south, nine, end, england, europe, u, united, america
musician: actor, nine, writer, led, english, france, author, result, german,
actress
dance: father, u, study, final, music, y, city, four, union, next
```

```
17006it [03:53, 59.67it/s]

| epoch   1 | 17000/32580 batches | loss    1.611
money: them, so, often, work, god, fact, example, men, rather, well
lion: race, real, prince, participated, programming, marge, fundamental, large,
treatment, magnetic
africa: part, south, end, england, country, nine, europe, united, america, u
musician: actor, nine, writer, author, led, english, german, actress, result,
seven
dance: father, study, u, final, music, y, union, city, united, next


17510it [04:00, 65.30it/s]

| epoch   1 | 17500/32580 batches | loss    1.603
money: so, them, often, work, fact, god, example, men, rather, well
lion: race, prince, real, programming, participated, fundamental, large, marge,
treatment, magnetic
africa: part, south, end, country, england, nine, europe, america, united, u
musician: actor, nine, english, writer, author, led, actress, result, german,
france
dance: father, study, u, music, union, y, final, united, city, next


18006it [04:07, 58.28it/s]

| epoch   1 | 18000/32580 batches | loss    1.595
money: so, them, fact, example, work, god, often, men, well, able
lion: race, real, prince, programming, participated, fundamental, large,
treatment, marge, west
africa: part, south, end, country, england, europe, nine, america, united, u
musician: actor, nine, writer, author, actress, led, english, german, born,
singer
dance: father, study, u, music, final, union, united, y, city, next


18502it [04:13, 61.31it/s]

| epoch   1 | 18500/32580 batches | loss    1.588
money: so, them, fact, often, example, god, work, men, able, seen
lion: race, real, prince, programming, participated, large, fundamental,
treatment, marge, west
africa: part, south, end, europe, country, england, america, nine, united, india
musician: actor, writer, nine, actress, author, led, german, singer, result,
english
dance: father, study, u, music, union, united, final, y, city, next
```

```
19006it [04:20, 61.07it/s]

| epoch   1 | 19000/32580 batches | loss    1.579
money: them, so, fact, often, men, example, able, seen, well, work
lion: race, real, prince, programming, participated, large, fundamental,
treatment, marge, west
africa: part, end, south, europe, country, england, america, nine, north, united
musician: actor, nine, actress, writer, author, singer, led, english, born,
german
dance: father, music, study, u, union, y, final, united, next, city


19510it [04:27, 63.58it/s]

| epoch   1 | 19500/32580 batches | loss    1.571
money: so, them, fact, seen, well, men, able, example, work, god
lion: race, prince, real, programming, participated, fundamental, large,
treatment, marge, west
africa: part, south, end, europe, country, england, america, nine, india, north
musician: actor, actress, writer, nine, author, singer, result, led, born,
english
dance: music, father, study, u, union, y, modern, united, final, four


20006it [04:33, 60.61it/s]

| epoch   1 | 20000/32580 batches | loss    1.562
money: so, fact, them, able, seen, well, men, work, example, taken
lion: race, real, prince, programming, participated, fundamental, large,
treatment, west, magnetic
africa: south, part, end, europe, england, country, america, nine, india, north
musician: actor, actress, nine, writer, author, singer, born, english, seven,
result
dance: father, music, study, u, modern, union, final, role, united, early


20509it [04:40, 64.59it/s]

| epoch   1 | 20500/32580 batches | loss    1.551
money: fact, so, them, able, men, seen, well, rather, example, taken
lion: race, real, prince, programming, participated, fundamental, treatment,
west, large, magnetic
africa: south, europe, part, end, america, england, india, country, nine, united
musician: actor, actress, author, writer, nine, singer, born, result, english,
seven
dance: father, music, study, union, u, modern, final, united, early, role
```

21005it [04:46, 61.22it/s]

| epoch   1 | 21000/32580 batches | loss    1.551
money: so, fact, able, them, seen, men, well, rather, taken, example
lion: race, real, prince, programming, participated, treatment, large,
fundamental, west, magnetic
africa: south, europe, part, end, america, england, india, nine, country, north
musician: actor, actress, nine, writer, author, singer, born, result, english,
seven
dance: music, father, study, modern, u, union, final, early, united, four


21509it [04:53, 65.26it/s]

| epoch   1 | 21500/32580 batches | loss    1.541
money: fact, so, able, seen, them, well, men, taken, god, rather
lion: race, real, prince, programming, participated, fundamental, treatment,
large, west, magnetic
africa: south, europe, part, end, india, america, england, country, nine,
kingdom
musician: actor, actress, writer, nine, author, singer, born, result, english,
led
dance: father, music, study, modern, u, union, role, early, united, final


22005it [05:00, 61.21it/s]

| epoch   1 | 22000/32580 batches | loss    1.530
money: so, fact, able, seen, well, men, them, rather, taken, often
lion: race, prince, real, programming, participated, large, treatment,
fundamental, west, ocean
africa: europe, south, part, end, india, america, england, country, nine,
kingdom
musician: actor, actress, nine, writer, author, singer, born, seven, english,
result
dance: father, music, study, modern, u, union, role, early, seven, united


22508it [05:06, 59.53it/s]

| epoch   1 | 22500/32580 batches | loss    1.523
money: so, fact, them, able, well, seen, men, rather, taken, often
lion: race, prince, programming, real, participated, large, treatment, west,
fundamental, ocean
africa: europe, south, part, india, end, england, america, country, nine,
kingdom

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musician: actor, actress, writer, nine, author, singer, born, seven, result, daughter
dance: music, study, father, modern, u, early, union, role, seven, y




23010it [05:13, 63.18it/s]

| epoch   1 | 23000/32580 batches | loss    1.520
money: so, fact, able, well, seen, them, taken, men, rather, god
lion: race, prince, programming, real, participated, large, treatment, west, fundamental, magnetic
africa: europe, south, part, india, end, america, england, nine, country, kingdom
musician: actor, actress, writer, author, singer, nine, born, seven, result, english
dance: music, father, study, modern, early, u, four, union, final, role




23506it [05:20, 59.93it/s]

| epoch   1 | 23500/32580 batches | loss    1.509
money: so, fact, them, able, seen, well, taken, rather, god, men
lion: race, programming, real, prince, participated, large, magnetic, west, treatment, fundamental
africa: europe, south, india, part, end, america, england, kingdom, nine, country
musician: actor, actress, writer, author, singer, born, nine, seven, english, result
dance: music, study, father, u, modern, early, union, final, united, role




24009it [05:27, 62.95it/s]

| epoch   1 | 24000/32580 batches | loss    1.504
money: fact, them, so, able, seen, taken, well, god, rather, men
lion: race, real, prince, programming, participated, large, west, magnetic, ocean, fundamental
africa: europe, south, india, part, end, america, kingdom, england, country, nine
musician: actor, actress, writer, author, singer, nine, born, english, result, daughter
dance: music, study, modern, father, u, early, union, final, concept, united




24505it [05:33, 60.75it/s]

| epoch   1 | 24500/32580 batches | loss    1.499
money: so, fact, them, able, seen, god, well, taken, rather, men

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lion: race, real, programming, prince, participated, large, west, magnetic, treatment, fundamental
africa: europe, india, south, part, end, america, kingdom, country, nine, england
musician: actor, actress, writer, singer, author, nine, born, english, seven, daughter
dance: music, modern, study, early, u, father, final, concept, role, united


25009it [05:40, 64.66it/s]

| epoch   1 | 25000/32580 batches | loss    1.492
money: so, them, fact, able, seen, taken, god, rather, well, men
lion: race, real, programming, prince, participated, west, fundamental, magnetic, treatment, principle
africa: europe, india, south, part, america, end, kingdom, country, nine, north
musician: actor, actress, writer, singer, author, nine, born, english, daughter, kingdom
dance: music, study, modern, early, u, father, final, role, concept, addition


25504it [05:47, 60.62it/s]

| epoch   1 | 25500/32580 batches | loss    1.484
money: so, them, fact, able, seen, rather, well, taken, god, men
lion: race, real, programming, prince, participated, fundamental, west, magnetic, ocean, treatment
africa: europe, india, south, end, part, america, nine, country, kingdom, north
musician: actor, actress, writer, singer, author, nine, born, english, seven, daughter
dance: music, study, modern, early, u, father, final, union, concept, addition


26004it [05:54, 50.84it/s]

| epoch   1 | 26000/32580 batches | loss    1.481
money: so, fact, them, able, seen, taken, rather, well, god, men
lion: race, real, programming, prince, participated, fundamental, magnetic, west, large, principle
africa: europe, india, south, america, part, end, nine, kingdom, england, north
musician: actor, actress, writer, singer, author, nine, born, english, daughter, seven
dance: music, study, modern, early, u, father, concept, union, final, role


26500it [06:00, 73.10it/s]

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```
| epoch   1 | 26500/32580 batches | loss    1.475
money: so, them, fact, able, seen, well, taken, god, rather, men
lion: race, real, programming, prince, participated, fundamental, magnetic,
treatment, west, principle
africa: europe, india, south, america, part, end, nine, kingdom, country,
england
musician: actor, actress, writer, singer, author, nine, born, english, seven,
daughter
dance: music, modern, study, early, u, union, father, concept, final, united


27004it [06:07, 59.36it/s]

| epoch   1 | 27000/32580 batches | loss    1.470
money: so, them, fact, well, seen, able, taken, rather, god, others
lion: race, real, programming, prince, participated, fundamental, ocean,
magnetic, principle, west
africa: europe, india, south, america, part, end, nine, country, kingdom,
england
musician: actor, actress, writer, singer, author, nine, born, english, daughter,
seven
dance: music, modern, early, study, u, whole, concept, final, union, role


27504it [06:14, 60.48it/s]

| epoch   1 | 27500/32580 batches | loss    1.463
money: so, fact, them, well, able, seen, taken, if, rather, others
lion: race, real, programming, prince, participated, fundamental, ocean,
principle, magnetic, favor
africa: europe, india, south, america, part, end, kingdom, north, nine, country
musician: actor, actress, singer, writer, author, nine, born, english, seven,
able
dance: music, modern, study, early, u, concept, whole, united, union, role


28008it [06:21, 60.91it/s]

| epoch   1 | 28000/32580 batches | loss    1.459
money: so, them, fact, able, well, seen, taken, if, god, rather
lion: race, real, programming, prince, participated, ocean, fundamental,
magnetic, principle, accordance
africa: europe, india, south, america, end, part, kingdom, north, united,
country
musician: actor, actress, singer, writer, author, nine, born, english, seven,
five
dance: music, modern, study, u, concept, early, seven, united, art, october
```

28503it [06:28, 59.54it/s]

| epoch    1 |  28500/32580 batches | loss     1.453
money: so, them, fact, seen, well, able, taken, if, rather, god
lion: race, real, programming, prince, participated, ocean, principle,
fundamental, magnetic, west
africa: europe, india, south, america, kingdom, nine, end, part, united, england
musician: actor, actress, singer, writer, author, nine, born, seven, english,
able
dance: music, modern, study, concept, u, early, final, united, art, seven


29006it [06:35, 60.91it/s]

| epoch    1 |  29000/32580 batches | loss     1.449
money: so, them, fact, seen, taken, if, able, well, rather, god
lion: race, real, programming, prince, participated, magnetic, ocean, principle,
fundamental, favor
africa: europe, india, america, south, kingdom, end, part, united, nine, north
musician: actor, actress, singer, writer, author, nine, born, five, seven,
english
dance: music, modern, study, concept, art, u, final, whole, traditional, early


29502it [06:41, 59.96it/s]

| epoch    1 |  29500/32580 batches | loss     1.448
money: so, them, fact, seen, taken, able, well, if, rather, god
lion: race, real, programming, prince, participated, ocean, magnetic, principle,
broke, fundamental
africa: europe, india, south, america, kingdom, north, end, england, united,
part
musician: actor, actress, singer, writer, author, nine, born, five, able,
english
dance: music, modern, study, concept, art, four, traditional, final, u,
classical


30005it [06:48, 60.77it/s]

| epoch    1 |  30000/32580 batches | loss     1.436
money: so, them, fact, taken, well, seen, able, rather, if, it
lion: race, real, programming, prince, participated, ocean, magnetic, broke,
principle, accordance
africa: europe, india, america, south, kingdom, england, north, united, part,
end
musician: actor, actress, singer, writer, author, nine, born, english, composer,

able
dance: music, modern, study, art, concept, traditional, final, classical, whole,
early

30509it [06:55, 64.58it/s]

| epoch   1 | 30500/32580 batches | loss    1.434
money: so, them, fact, taken, well, rather, seen, if, able, others
lion: race, real, programming, prince, participated, ocean, principle, magnetic,
favor, accordance
africa: europe, india, america, south, kingdom, england, australia, part, north,
united
musician: actor, actress, singer, writer, author, nine, born, seven, composer,
able
dance: music, modern, art, study, concept, traditional, whole, addition, early,
classical

31005it [07:01, 61.36it/s]

| epoch   1 | 31000/32580 batches | loss    1.432
money: so, them, fact, taken, seen, rather, able, well, if, others
lion: race, real, programming, prince, participated, ocean, magnetic, principle,
favor, accordance
africa: europe, india, america, south, kingdom, australia, england, united,
north, end
musician: actor, actress, singer, writer, author, nine, born, composer, seven,
poet
dance: music, modern, art, study, concept, traditional, classical, early,
addition, whole

31509it [07:08, 63.49it/s]

| epoch   1 | 31500/32580 batches | loss    1.429
money: so, them, if, rather, taken, fact, seen, well, able, others
lion: race, programming, real, prince, participated, ocean, magnetic, principle,
favor, defeated
africa: europe, india, america, south, kingdom, england, australia, united, end,
north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
seven
dance: music, modern, art, study, traditional, concept, early, addition,
classical, whole

```
32005it [07:14, 60.91it/s]

| epoch   1 | 32000/32580 batches | loss    1.424
money: so, them, if, rather, taken, fact, seen, well, able, others
lion: race, programming, real, participated, prince, magnetic, ocean, favor,
principle, accordance
africa: europe, india, america, south, kingdom, australia, england, nine,
united, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, study, concept, early, classical,
addition, whole


32507it [07:21, 60.44it/s]

| epoch   1 | 32500/32580 batches | loss    1.417
money: so, them, if, rather, fact, taken, seen, others, able, need
lion: race, programming, real, participated, prince, ocean, magnetic, favor,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, nine,
united, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, concept, traditional, study, early, classical, whole,
addition


32580it [07:23, 73.45it/s]
8it [00:00, 11.01it/s]

| epoch   2 |     0/32580 batches | loss    1.272
money: so, them, if, rather, fact, taken, seen, able, others, need
lion: race, real, programming, prince, participated, magnetic, ocean, favor,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, united,
nine, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,
addition


503it [00:07, 61.10it/s]

| epoch   2 |   500/32580 batches | loss    1.377
money: so, them, if, rather, fact, seen, taken, able, others, need
lion: race, real, programming, participated, prince, magnetic, ocean, favor,
```

accordance, principle
africa: europe, india, america, south, kingdom, australia, united, england,
nine, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,
addition


1007it [00:14, 59.88it/s]

| epoch   2 |   1000/32580 batches | loss    1.375
money: so, if, them, fact, rather, seen, taken, able, need, others
lion: race, real, programming, participated, prince, ocean, magnetic, favor,
accordance, principle
africa: europe, india, america, south, kingdom, australia, united, england,
nine, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,
addition


1503it [00:21, 60.04it/s]

| epoch   2 |   1500/32580 batches | loss    1.372
money: so, them, if, fact, rather, seen, taken, able, need, others
lion: race, real, programming, participated, prince, ocean, magnetic, favor,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, united,
nine, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,
addition


2006it [00:27, 60.57it/s]

| epoch   2 |   2000/32580 batches | loss    1.370
money: so, them, if, fact, rather, seen, taken, able, others, need
lion: race, real, programming, participated, prince, ocean, magnetic, favor,
accordance, principle
africa: europe, india, america, south, kingdom, australia, united, england,
nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,

addition


2510it [00:34, 65.18it/s]

| epoch   2 |   2500/32580 batches | loss     1.369
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, ocean, favor,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, united,
nine, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,
addition


3006it [00:41, 61.71it/s]

| epoch   2 |   3000/32580 batches | loss     1.368
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, nine, england,
united, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,
addition


3510it [00:47, 64.22it/s]

| epoch   2 |   3500/32580 batches | loss     1.367
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, nine, united,
england, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,
addition


4006it [00:54, 60.78it/s]

```
| epoch   2 |  4000/32580 batches | loss    1.361
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, nine,
united, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,
addition


4508it [01:01, 63.24it/s]

| epoch   2 |  4500/32580 batches | loss    1.366
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, united,
nine, north
musician: actor, actress, singer, writer, author, nine, born, poet, composer,
english
dance: music, modern, art, traditional, concept, study, classical, early, whole,
addition


5003it [01:08, 59.11it/s]

| epoch   2 |  5000/32580 batches | loss    1.365
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, nine,
united, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, study, classical, whole, early,
addition


5505it [01:14, 59.64it/s]

| epoch   2 |  5500/32580 batches | loss    1.365
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, nine,
united, north
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, english
dance: music, modern, art, traditional, concept, study, classical, whole, early, addition

6007it [01:21, 61.20it/s]

| epoch   2 |  6000/32580 batches | loss    1.364
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean, accordance, principle
africa: europe, india, america, south, kingdom, australia, england, nine, united, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, english
dance: music, modern, art, traditional, concept, study, classical, whole, early, addition

6503it [01:28, 61.63it/s]

| epoch   2 |  6500/32580 batches | loss    1.365
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean, accordance, principle
africa: europe, india, america, south, kingdom, australia, england, nine, united, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, english
dance: music, modern, art, traditional, concept, study, classical, whole, early, addition

7007it [01:35, 60.45it/s]

| epoch   2 |  7000/32580 batches | loss    1.364
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean, accordance, principle
africa: europe, india, america, south, kingdom, australia, england, united, nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, english
dance: music, modern, art, traditional, concept, study, classical, whole, early, addition

7502it [01:42, 58.88it/s]

| epoch   2 |   7500/32580 batches | loss     1.362
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, united,
nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, study, classical, whole, early,
addition


8004it [01:49, 58.90it/s]

| epoch   2 |   8000/32580 batches | loss     1.363
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, magnetic, prince, favor, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, nine,
united, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, study, classical, whole, early,
addition


8503it [01:55, 60.82it/s]

| epoch   2 |   8500/32580 batches | loss     1.360
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, prince, magnetic, favor, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, nine,
united, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, study, classical, whole, early,
addition


9007it [02:02, 60.76it/s]

| epoch   2 |   9000/32580 batches | loss     1.359
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, magnetic, prince, favor, ocean,
accordance, principle

africa: europe, india, america, south, kingdom, australia, england, united,
nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, study, classical, whole, early,
addition


9509it [02:09, 61.47it/s]

| epoch   2 |  9500/32580 batches | loss    1.359
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, magnetic, favor, prince, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, nine,
united, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, study, classical, whole, early,
addition


10005it [02:16, 58.33it/s]

| epoch   2 | 10000/32580 batches | loss    1.362
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, magnetic, favor, prince, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, united,
nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, study, classical, whole, early,
addition


10509it [02:25, 62.58it/s]

| epoch   2 | 10500/32580 batches | loss    1.360
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, magnetic, favor, prince, ocean,
accordance, principle
africa: europe, india, america, south, kingdom, australia, england, united,
nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, study, classical, whole, early,
addition

11005it [02:32, 59.97it/s]

| epoch   2 | 11000/32580 batches | loss    1.360
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, magnetic, favor, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, united, england,
nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, classical, study, whole, early,
addition


11509it [02:39, 64.72it/s]

| epoch   2 | 11500/32580 batches | loss    1.362
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, nine, england,
united, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, classical, study, whole, early,
addition


12005it [02:46, 58.51it/s]

| epoch   2 | 12000/32580 batches | loss    1.356
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, nine, united,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, classical, study, whole, early,
addition


12500it [02:52, 71.85it/s]

| epoch   2 | 12500/32580 batches | loss    1.355
money: so, them, if, fact, rather, taken, seen, able, others, need

lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, nine, united,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, classical, study, whole, early,
addition


13003it [03:00, 57.60it/s]

| epoch   2 | 13000/32580 batches | loss    1.356
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, nine, united,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, classical, study, whole, early,
addition


13505it [03:07, 57.06it/s]

| epoch   2 | 13500/32580 batches | loss    1.356
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, nine, united,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english
dance: music, modern, art, traditional, concept, classical, study, whole, early,
addition


14008it [03:13, 61.34it/s]

| epoch   2 | 14000/32580 batches | loss    1.355
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, favor, ocean, magnetic, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, nine, united,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
english

dance: music, modern, art, traditional, concept, classical, study, whole, early, addition


14504it [03:20, 59.16it/s]

| epoch   2 | 14500/32580 batches | loss    1.353
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, favor, ocean, magnetic, prince, accordance, principle
africa: europe, india, america, south, kingdom, australia, united, nine, england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, study, whole, early, addition


15007it [03:27, 57.88it/s]

| epoch   2 | 15000/32580 batches | loss    1.357
money: so, them, if, fact, rather, taken, seen, able, others, need
lion: race, real, programming, participated, favor, ocean, magnetic, prince, accordance, principle
africa: europe, india, america, south, kingdom, australia, united, nine, england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, study, whole, early, addition


15502it [03:34, 58.35it/s]

| epoch   2 | 15500/32580 batches | loss    1.355
money: so, them, if, rather, fact, taken, seen, others, able, need
lion: race, real, programming, participated, favor, magnetic, ocean, prince, accordance, principle
africa: europe, india, america, south, kingdom, australia, united, nine, england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, study, whole, early, addition


16009it [03:41, 60.76it/s]

```
| epoch   2 | 16000/32580 batches | loss    1.358
money: so, them, if, fact, rather, taken, seen, others, able, need
lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, united, nine,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, concept, classical, study, whole, early,
addition


16505it [03:48, 60.35it/s]

| epoch   2 | 16500/32580 batches | loss    1.352
money: so, them, if, fact, rather, taken, seen, others, able, need
lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, united, nine,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, concept, classical, study, whole, early,
addition


17008it [03:55, 58.88it/s]

| epoch   2 | 17000/32580 batches | loss    1.358
money: so, them, if, fact, rather, taken, seen, others, able, need
lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, united, nine,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, concept, classical, whole, study, early,
addition


17503it [04:01, 61.68it/s]

| epoch   2 | 17500/32580 batches | loss    1.351
money: so, them, if, rather, fact, taken, seen, others, able, need
lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, united, nine,
england, north
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, whole, study, early, addition


18007it [04:08, 61.48it/s]

| epoch   2 | 18000/32580 batches | loss     1.352
money: so, them, if, rather, fact, taken, seen, others, able, need
lion: race, real, programming, participated, favor, ocean, magnetic, prince, accordance, principle
africa: europe, india, america, south, kingdom, australia, united, england, nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, whole, study, early, addition


18503it [04:14, 61.40it/s]

| epoch   2 | 18500/32580 batches | loss     1.349
money: so, them, if, fact, rather, taken, seen, others, need, able
lion: race, real, programming, participated, favor, magnetic, prince, ocean, accordance, principle
africa: europe, india, america, south, kingdom, australia, united, england, nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, whole, study, early, addition


19007it [04:21, 60.62it/s]

| epoch   2 | 19000/32580 batches | loss     1.347
money: so, them, if, rather, fact, taken, seen, others, need, able
lion: race, real, programming, participated, favor, magnetic, ocean, prince, accordance, principle
africa: europe, india, america, south, kingdom, australia, united, england, nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, whole, study, early, addition

19502it [04:28, 61.38it/s]

| epoch   2 | 19500/32580 batches | loss    1.350
money: so, them, if, fact, rather, taken, seen, others, need, able
lion: race, real, programming, participated, favor, magnetic, ocean, prince,
accordance, principle
africa: europe, india, america, south, kingdom, australia, united, nine,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20006it [04:34, 60.86it/s]

| epoch   2 | 20000/32580 batches | loss    1.348
money: so, them, if, fact, rather, taken, seen, others, need, able
lion: race, real, programming, participated, favor, magnetic, ocean, accordance,
prince, principle
africa: europe, india, america, south, kingdom, australia, united, nine,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20509it [04:41, 62.54it/s]

| epoch   2 | 20500/32580 batches | loss    1.348
money: so, them, if, fact, rather, taken, seen, others, need, able
lion: race, real, programming, participated, favor, magnetic, ocean, accordance,
prince, principle
africa: europe, india, america, south, kingdom, australia, united, nine,
england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, concept, classical, whole, study,
addition, early


21005it [04:48, 58.94it/s]

| epoch   2 | 21000/32580 batches | loss    1.348
money: so, them, if, fact, rather, taken, seen, others, need, able
lion: race, real, programming, participated, favor, magnetic, ocean, accordance,
prince, principle

africa: europe, india, america, south, kingdom, australia, united, england, nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, whole, study, addition, early


21508it [04:55, 63.62it/s]

| epoch   2 | 21500/32580 batches | loss    1.351
money: so, them, if, fact, rather, taken, seen, need, others, well
lion: race, real, programming, participated, favor, magnetic, ocean, accordance, prince, principle
africa: europe, india, america, south, kingdom, australia, united, england, nine, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, whole, study, addition, early


22004it [05:02, 60.59it/s]

| epoch   2 | 22000/32580 batches | loss    1.351
money: so, them, if, fact, rather, taken, seen, need, others, well
lion: race, real, programming, participated, favor, magnetic, ocean, accordance, prince, principle
africa: europe, india, america, south, kingdom, australia, united, nine, england, north
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, concept, classical, whole, study, addition, early


22508it [05:08, 61.35it/s]

| epoch   2 | 22500/32580 batches | loss    1.357
money: so, them, if, rather, fact, taken, seen, others, need, well
lion: race, real, programming, participated, favor, magnetic, ocean, accordance, prince, principle
africa: europe, india, america, south, kingdom, australia, united, england, nine, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, addition, early

42

23007it [05:15, 58.49it/s]

| epoch   2 | 23000/32580 batches | loss    1.348
money: so, them, if, fact, rather, taken, seen, others, need, well
lion: race, real, programming, participated, favor, magnetic, accordance, ocean,
prince, principle
africa: europe, india, america, south, kingdom, australia, united, nine,
england, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, concept, classical, whole, study,
addition, early


23503it [05:22, 60.24it/s]

| epoch   2 | 23500/32580 batches | loss    1.347
money: so, them, if, fact, rather, taken, seen, others, need, well
lion: race, real, programming, participated, favor, magnetic, accordance, ocean,
prince, principle
africa: europe, india, america, south, kingdom, australia, united, england,
nine, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24005it [05:29, 60.32it/s]

| epoch   2 | 24000/32580 batches | loss    1.349
money: so, them, if, rather, fact, taken, seen, others, need, well
lion: race, real, programming, participated, favor, magnetic, accordance, ocean,
prince, principle
africa: europe, india, america, south, kingdom, australia, united, nine,
england, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study,
addition, early


24508it [05:36, 60.26it/s]

| epoch   2 | 24500/32580 batches | loss    1.347
money: so, them, if, rather, fact, taken, seen, others, need, well

lion: race, real, programming, participated, favor, magnetic, accordance, ocean, prince, principle
africa: europe, india, america, south, kingdom, australia, united, nine, england, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


25004it [05:42, 59.77it/s]

| epoch   2 | 25000/32580 batches | loss    1.345
money: so, them, if, rather, fact, taken, seen, others, need, well
lion: race, real, programming, participated, favor, magnetic, accordance, ocean, prince, principle
africa: europe, india, america, south, kingdom, australia, united, nine, england, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


25505it [05:49, 61.21it/s]

| epoch   2 | 25500/32580 batches | loss    1.346
money: so, them, if, rather, fact, taken, seen, others, need, well
lion: race, real, programming, participated, favor, magnetic, accordance, ocean, prince, principle
africa: europe, india, america, south, kingdom, australia, united, england, nine, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


26008it [05:56, 62.50it/s]

| epoch   2 | 26000/32580 batches | loss    1.351
money: them, so, if, rather, fact, taken, seen, others, need, well
lion: race, real, programming, favor, participated, magnetic, accordance, ocean, prince, principle
africa: europe, india, america, south, kingdom, australia, united, nine, england, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

26504it [06:03, 59.33it/s]

| epoch    2 | 26500/32580 batches | loss     1.346
money: them, so, if, rather, fact, taken, others, seen, need, well
lion: race, real, programming, favor, participated, magnetic, accordance, ocean, prince, principle
africa: europe, india, america, south, kingdom, australia, united, england, nine, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

27007it [06:10, 61.21it/s]

| epoch    2 | 27000/32580 batches | loss     1.343
money: them, so, if, rather, fact, taken, others, seen, well, need
lion: race, real, programming, favor, participated, magnetic, accordance, ocean, prince, principle
africa: europe, india, america, south, kingdom, australia, united, england, asia, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

27503it [06:16, 59.98it/s]

| epoch    2 | 27500/32580 batches | loss     1.347
money: them, so, if, rather, fact, taken, others, seen, well, need
lion: race, real, programming, participated, favor, magnetic, accordance, ocean, prince, principle
africa: europe, india, america, south, kingdom, australia, united, england, nine, asia
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

28007it [06:23, 60.48it/s]

```
| epoch   2 | 28000/32580 batches | loss    1.344
money: them, so, if, rather, fact, taken, others, seen, well, need
lion: race, real, programming, favor, participated, magnetic, accordance, ocean,
prince, principle
africa: europe, india, america, south, kingdom, australia, united, england,
asia, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


28502it [06:29, 61.70it/s]

| epoch   2 | 28500/32580 batches | loss    1.341
money: them, so, if, rather, fact, taken, others, seen, well, need
lion: race, real, programming, favor, participated, magnetic, accordance,
prince, ocean, principle
africa: europe, india, america, south, kingdom, australia, united, england,
asia, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29006it [06:36, 59.99it/s]

| epoch   2 | 29000/32580 batches | loss    1.342
money: them, so, if, rather, fact, taken, others, seen, well, need
lion: race, real, programming, favor, participated, magnetic, accordance, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, england,
asia, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29509it [06:43, 64.32it/s]

| epoch   2 | 29500/32580 batches | loss    1.346
money: them, so, if, rather, fact, taken, seen, others, well, need
lion: race, real, programming, favor, participated, magnetic, accordance, ocean,
prince, principle
africa: europe, india, america, south, kingdom, australia, united, england,
asia, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


30005it [06:50, 60.25it/s]

| epoch   2 | 30000/32580 batches | loss    1.344
money: them, so, if, rather, fact, taken, others, seen, well, need
lion: race, real, programming, favor, participated, magnetic, accordance, ocean, prince, principle
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


30500it [06:56, 76.26it/s]

| epoch   2 | 30500/32580 batches | loss    1.339
money: them, so, if, rather, fact, taken, others, seen, well, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, principle
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


31004it [07:03, 59.82it/s]

| epoch   2 | 31000/32580 batches | loss    1.342
money: so, them, if, rather, fact, taken, others, seen, well, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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31505it [07:10, 56.99it/s]

| epoch   2 | 31500/32580 batches | loss    1.339
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




32007it [07:17, 60.95it/s]

| epoch   2 | 32000/32580 batches | loss    1.343
money: them, so, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




32503it [07:23, 61.40it/s]

| epoch   2 | 32500/32580 batches | loss    1.340
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




32580it [07:25, 73.13it/s]
4it [00:00,  5.84it/s]

| epoch   3 |     0/32580 batches | loss    1.286
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
```

prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


500it [00:07, 76.81it/s]

| epoch   3 |    500/32580 batches | loss     1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1004it [00:14, 61.75it/s]

| epoch   3 |   1000/32580 batches | loss     1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1508it [00:22, 61.19it/s]

| epoch   3 |   1500/32580 batches | loss     1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,

addition


2004it [00:28, 60.73it/s]

| epoch   3 |   2000/32580 batches | loss     1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


2507it [00:35, 60.86it/s]

| epoch   3 |   2500/32580 batches | loss     1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


3003it [00:42, 60.51it/s]

| epoch   3 |   3000/32580 batches | loss     1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


3507it [00:48, 60.84it/s]

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| epoch   3 |  3500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




4003it [00:55, 61.16it/s]

| epoch   3 |  4000/32580 batches | loss    1.338
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




4507it [01:02, 60.92it/s]

| epoch   3 |  4500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




5003it [01:08, 61.42it/s]

| epoch   3 |  5000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
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musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


5507it [01:15, 59.25it/s]

| epoch   3 |  5500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


6009it [01:22, 63.64it/s]

| epoch   3 |  6000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


6505it [01:28, 59.65it/s]

| epoch   3 |  6500/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

7008it [01:35, 59.49it/s]

| epoch   3 |  7000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


7504it [01:42, 59.49it/s]

| epoch   3 |  7500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, participated, favor, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


8008it [01:49, 60.84it/s]

| epoch   3 |  8000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


8504it [01:55, 58.15it/s]

| epoch   3 |  8500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

9008it [02:02, 60.85it/s]

| epoch   3 |  9000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

9504it [02:09, 61.04it/s]

| epoch   3 |  9500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

10008it [02:15, 58.59it/s]

| epoch   3 | 10000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
10503it [02:22, 60.91it/s]

| epoch   3 | 10500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




10999it [02:29, 71.01it/s]

| epoch   3 | 11000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




11500it [02:36, 74.15it/s]

| epoch   3 | 11500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




12003it [02:43, 59.47it/s]

| epoch   3 | 12000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
```

lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


12506it [02:50, 61.04it/s]

| epoch   3 | 12500/32580 batches | loss    1.336
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


13009it [02:56, 62.99it/s]

| epoch   3 | 13000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


13508it [03:05, 62.15it/s]

| epoch   3 | 13500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14003it [03:12, 56.61it/s]

| epoch   3 | 14000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14505it [03:18, 61.46it/s]

| epoch   3 | 14500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


15008it [03:25, 63.82it/s]

| epoch   3 | 15000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


15504it [03:32, 60.97it/s]

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| epoch   3 | 15500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition
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16000it [03:38, 74.06it/s]
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| epoch   3 | 16000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition
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16504it [03:45, 60.64it/s]
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| epoch   3 | 16500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition
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17007it [03:52, 60.27it/s]
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| epoch   3 | 17000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
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musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


17510it [03:58, 62.36it/s]

| epoch   3 | 17500/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


18005it [04:05, 61.25it/s]

| epoch   3 | 18000/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


18500it [04:12, 76.31it/s]

| epoch   3 | 18500/32580 batches | loss     1.336
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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19003it [04:19, 61.95it/s]

| epoch   3 | 19000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


19507it [04:25, 59.99it/s]

| epoch   3 | 19500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20009it [04:32, 63.11it/s]

| epoch   3 | 20000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20505it [04:39, 61.49it/s]

| epoch   3 | 20500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
```

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


21008it [04:45, 63.75it/s]

| epoch   3 | 21000/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


21504it [04:52, 60.67it/s]

| epoch   3 | 21500/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


22007it [04:59, 58.56it/s]

| epoch   3 | 22000/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

22501it [05:06, 61.81it/s]

| epoch   3 | 22500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


23005it [05:12, 60.85it/s]

| epoch   3 | 23000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


23509it [05:19, 63.98it/s]

| epoch   3 | 23500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


24005it [05:26, 60.31it/s]

| epoch   3 | 24000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need

lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24508it [05:32, 63.58it/s]

| epoch   3 | 24500/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25004it [05:39, 61.11it/s]

| epoch   3 | 25000/32580 batches | loss     1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25507it [05:46, 58.60it/s]

| epoch   3 | 25500/32580 batches | loss     1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician

dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

26003it [05:53, 60.00it/s]

| epoch   3 | 26000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

26506it [06:00, 59.84it/s]

| epoch   3 | 26500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

27009it [06:06, 63.32it/s]

| epoch   3 | 27000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

27505it [06:13, 60.94it/s]

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| epoch   3 | 27500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




28009it [06:20, 64.73it/s]

| epoch   3 | 28000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




28506it [06:27, 54.37it/s]

| epoch   3 | 28500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




29006it [06:33, 60.76it/s]

| epoch   3 | 29000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
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musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


29506it [06:40, 58.84it/s]

| epoch   3 | 29500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


30002it [06:47, 60.28it/s]

| epoch   3 | 30000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


30504it [06:54, 60.05it/s]

| epoch   3 | 30500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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31000it [07:01, 75.01it/s]
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| epoch   3 | 31000/32580 batches | loss     1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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31505it [07:08, 59.22it/s]
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| epoch   3 | 31500/32580 batches | loss     1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

```
32007it [07:15, 60.80it/s]
```

| epoch   3 | 32000/32580 batches | loss     1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

```
32502it [07:22, 61.37it/s]
```

| epoch   3 | 32500/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


32580it [07:24, 73.34it/s]
4it [00:00,  5.83it/s]

| epoch   4 |     0/32580 batches | loss    1.348
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


506it [00:07, 61.16it/s]

| epoch   4 |   500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1010it [00:14, 64.18it/s]

| epoch   4 |  1000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,

addition

1506it [00:20, 60.58it/s]

| epoch   4 |   1500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

2010it [00:27, 64.70it/s]

| epoch   4 |   2000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

2506it [00:34, 60.97it/s]

| epoch   4 |   2500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

3002it [00:40, 61.46it/s]

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| epoch   4 |  3000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition
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3506it [00:47, 61.29it/s]
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```
| epoch   4 |  3500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition
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4010it [00:54, 64.93it/s]
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```
| epoch   4 |  4000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition
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4504it [01:03, 61.12it/s]
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| epoch   4 |  4500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


5008it [01:09, 61.51it/s]

| epoch   4 |  5000/32580 batches | loss     1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


5504it [01:16, 61.52it/s]

| epoch   4 |  5500/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


6000it [01:23, 75.63it/s]

| epoch   4 |  6000/32580 batches | loss     1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

6504it [01:29, 60.09it/s]

| epoch   4 |  6500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

7000it [01:36, 75.67it/s]

| epoch   4 |  7000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

7503it [01:43, 60.84it/s]

| epoch   4 |  7500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

8007it [01:50, 61.28it/s]

| epoch   4 |  8000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


8510it [01:56, 61.72it/s]

| epoch   4 |  8500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


9006it [02:03, 60.60it/s]

| epoch   4 |  9000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


9510it [02:10, 65.09it/s]

| epoch   4 |  9500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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10006it [02:16, 61.27it/s]

| epoch   4 | 10000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


10510it [02:23, 64.76it/s]

| epoch   4 | 10500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11006it [02:30, 60.63it/s]

| epoch   4 | 11000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11509it [02:36, 63.46it/s]

| epoch   4 | 11500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
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lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


12005it [02:43, 61.29it/s]

| epoch   4 | 12000/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


12509it [02:49, 64.87it/s]

| epoch   4 | 12500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


13005it [02:56, 61.35it/s]

| epoch   4 | 13000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

13508it [03:03, 63.63it/s]

| epoch   4 | 13500/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

14003it [03:09, 61.84it/s]

| epoch   4 | 14000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

14507it [03:16, 60.67it/s]

| epoch   4 | 14500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

15003it [03:23, 61.98it/s]

```
| epoch   4 | 15000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




15507it [03:29, 60.69it/s]

| epoch   4 | 15500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




16003it [03:36, 61.63it/s]

| epoch   4 | 16000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




16507it [03:42, 61.16it/s]

| epoch   4 | 16500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


17011it [03:49, 64.30it/s]

| epoch    4 | 17000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


17507it [03:56, 60.51it/s]

| epoch    4 | 17500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


18003it [04:02, 61.53it/s]

| epoch    4 | 18000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

```
18507it [04:09, 60.98it/s]

| epoch   4 | 18500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


19010it [04:16, 63.40it/s]

| epoch   4 | 19000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


19506it [04:22, 61.42it/s]

| epoch   4 | 19500/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20010it [04:29, 64.64it/s]

| epoch   4 | 20000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
```

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


20506it [04:36, 61.24it/s]

| epoch    4 | 20500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


21002it [04:42, 61.56it/s]

| epoch    4 | 21000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


21506it [04:49, 61.30it/s]

| epoch    4 | 21500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
22009it [04:55, 63.50it/s]

| epoch   4 | 22000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


22505it [05:02, 61.13it/s]

| epoch   4 | 22500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


23009it [05:09, 64.59it/s]

| epoch   4 | 23000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


23505it [05:15, 61.05it/s]

| epoch   4 | 23500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
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lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

24009it [05:22, 64.83it/s]

| epoch   4 | 24000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

24505it [05:28, 61.27it/s]

| epoch   4 | 24500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

25001it [05:35, 61.62it/s]

| epoch   4 | 25000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25505it [05:42, 61.41it/s]

| epoch   4 | 25500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26009it [05:48, 64.81it/s]

| epoch   4 | 26000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26505it [05:55, 59.99it/s]

| epoch   4 | 26500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


27009it [06:02, 64.46it/s]

```
| epoch   4 | 27000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


27504it [06:08, 60.70it/s]

| epoch   4 | 27500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


28008it [06:17, 60.66it/s]

| epoch   4 | 28000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


28503it [06:23, 61.20it/s]

| epoch   4 | 28500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29007it [06:30, 61.46it/s]

| epoch   4 | 29000/32580 batches | loss    1.325
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29510it [06:37, 64.36it/s]

| epoch   4 | 29500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


30006it [06:43, 61.07it/s]

| epoch   4 | 30000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

```
30509it [06:50, 62.83it/s]

| epoch   4 | 30500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




31005it [06:56, 61.26it/s]

| epoch   4 | 31000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




31508it [07:03, 63.36it/s]

| epoch   4 | 31500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




32004it [07:10, 61.30it/s]

| epoch   4 | 32000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
```

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

32508it [07:16, 60.60it/s]

| epoch   4 | 32500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

32580it [07:18, 74.27it/s]
4it [00:00,  5.73it/s]

| epoch   5 |     0/32580 batches | loss    1.277
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

506it [00:07, 61.84it/s]

| epoch   5 |   500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,

addition

1002it [00:14, 61.43it/s]

| epoch   5 |   1000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

1506it [00:20, 60.39it/s]

| epoch   5 |   1500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

2009it [00:27, 65.56it/s]

| epoch   5 |   2000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

2505it [00:34, 60.47it/s]

```
| epoch   5 |  2500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




3008it [00:40, 63.79it/s]

| epoch   5 |  3000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




3504it [00:47, 61.51it/s]

| epoch   5 |  3500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




4007it [00:53, 61.49it/s]

| epoch   5 |  4000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


4503it [01:00, 61.31it/s]

| epoch   5 |  4500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


5007it [01:07, 61.11it/s]

| epoch   5 |  5000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


5503it [01:13, 61.61it/s]

| epoch   5 |  5500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

6007it [01:20, 61.19it/s]

| epoch   5 |  6000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


6503it [01:27, 60.17it/s]

| epoch   5 |  6500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


7003it [01:34, 58.32it/s]

| epoch   5 |  7000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


7504it [01:42, 57.56it/s]

| epoch   5 |  7500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

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africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


8000it [01:49, 71.10it/s]

| epoch   5 |  8000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


8506it [01:56, 58.71it/s]

| epoch   5 |  8500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


9009it [02:03, 62.71it/s]

| epoch   5 |  9000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

```
9505it [02:10, 58.59it/s]

| epoch   5 |  9500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


10008it [02:17, 60.84it/s]

| epoch   5 | 10000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


10503it [02:24, 59.64it/s]

| epoch   5 | 10500/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11005it [02:31, 58.02it/s]

| epoch   5 | 11000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
```

lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11508it [02:38, 57.38it/s]

| epoch    5 | 11500/32580 batches | loss     1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


12004it [02:45, 59.19it/s]

| epoch    5 | 12000/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


12508it [02:52, 58.52it/s]

| epoch    5 | 12500/32580 batches | loss     1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician

dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


13003it [02:59, 57.71it/s]

| epoch   5 | 13000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


13505it [03:06, 58.78it/s]

| epoch   5 | 13500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14008it [03:13, 58.58it/s]

| epoch   5 | 14000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14507it [03:20, 56.12it/s]

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| epoch   5 | 14500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




15003it [03:27, 58.14it/s]

| epoch   5 | 15000/32580 batches | loss    1.325
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




15506it [03:34, 59.69it/s]

| epoch   5 | 15500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




16002it [03:41, 57.75it/s]

| epoch   5 | 16000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


16505it [03:48, 58.81it/s]

| epoch   5 | 16500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


17009it [03:55, 61.73it/s]

| epoch   5 | 17000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


17504it [04:02, 58.49it/s]

| epoch   5 | 17500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

18006it [04:09, 59.59it/s]

| epoch   5 | 18000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


18508it [04:16, 61.45it/s]

| epoch   5 | 18500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


19003it [04:23, 57.75it/s]

| epoch   5 | 19000/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


19506it [04:30, 59.07it/s]

| epoch   5 | 19500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20009it [04:37, 62.85it/s]

| epoch   5 | 20000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20505it [04:44, 59.21it/s]

| epoch   5 | 20500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


21007it [04:51, 59.43it/s]

| epoch   5 | 21000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

```
21503it [04:58, 60.16it/s]

| epoch   5 | 21500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


22006it [05:05, 59.23it/s]

| epoch   5 | 22000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


22509it [05:12, 62.12it/s]

| epoch   5 | 22500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


23004it [05:18, 59.03it/s]

| epoch   5 | 23000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
```

lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


23507it [05:25, 57.13it/s]

| epoch   5 | 23500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24003it [05:32, 59.25it/s]

| epoch   5 | 24000/32580 batches | loss    1.324
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24507it [05:39, 58.98it/s]

| epoch   5 | 24500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician

dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25009it [05:46, 60.67it/s]

| epoch   5 | 25000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25505it [05:53, 57.98it/s]

| epoch   5 | 25500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26000it [06:00, 73.26it/s]

| epoch   5 | 26000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26504it [06:07, 58.42it/s]

```
| epoch   5 | 26500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


27005it [06:14, 58.88it/s]

| epoch   5 | 27000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


27508it [06:21, 59.35it/s]

| epoch   5 | 27500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


28004it [06:28, 56.44it/s]

| epoch   5 | 28000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
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musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


28508it [06:35, 56.78it/s]

| epoch   5 | 28500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


29004it [06:42, 57.70it/s]

| epoch   5 | 29000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


29506it [06:49, 56.88it/s]

| epoch   5 | 29500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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30008it [06:57, 57.38it/s]
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| epoch   5 | 30000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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30509it [07:04, 60.39it/s]
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| epoch   5 | 30500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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31004it [07:13, 56.65it/s]
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| epoch   5 | 31000/32580 batches | loss    1.325
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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31509it [07:21, 60.10it/s]
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| epoch   5 | 31500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


32005it [07:28, 58.47it/s]

| epoch   5 | 32000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


32508it [07:35, 57.45it/s]

| epoch   5 | 32500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


32580it [07:37, 71.29it/s]
4it [00:00,  5.46it/s]

| epoch   6 |     0/32580 batches | loss    1.377
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,

addition

505it [00:08, 58.10it/s]

| epoch   6 |    500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

1007it [00:15, 56.57it/s]

| epoch   6 |   1000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

1502it [00:22, 57.72it/s]

| epoch   6 |   1500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

2003it [00:29, 58.52it/s]

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| epoch   6 |  2000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




2506it [00:36, 57.29it/s]

| epoch   6 |  2500/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




3008it [00:43, 60.82it/s]

| epoch   6 |  3000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




3504it [00:50, 60.40it/s]

| epoch   6 |  3500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
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musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


4006it [00:57, 59.74it/s]

| epoch   6 |  4000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


4510it [01:04, 60.81it/s]

| epoch   6 |  4500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


5006it [01:11, 58.12it/s]

| epoch   6 |  5000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

5507it [01:18, 57.39it/s]

| epoch   6 |  5500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


6008it [01:25, 58.94it/s]

| epoch   6 |  6000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


6502it [01:32, 59.73it/s]

| epoch   6 |  6500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


7006it [01:39, 56.76it/s]

| epoch   6 |  7000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

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africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


7508it [01:46, 59.75it/s]

| epoch   6 |  7500/32580 batches | loss    1.325
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


8003it [01:53, 59.15it/s]

| epoch   6 |  8000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


8506it [02:00, 59.05it/s]

| epoch   6 |  8500/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
9009it [02:06, 63.69it/s]

| epoch   6 |  9000/32580 batches | loss     1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


9504it [02:13, 60.18it/s]

| epoch   6 |  9500/32580 batches | loss     1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


10008it [02:20, 60.11it/s]

| epoch   6 | 10000/32580 batches | loss     1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


10504it [02:27, 59.67it/s]

| epoch   6 | 10500/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
```

lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11008it [02:33, 60.14it/s]

| epoch   6 | 11000/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11504it [02:40, 60.81it/s]

| epoch   6 | 11500/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


12008it [02:47, 60.20it/s]

| epoch   6 | 12000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician

dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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12503it [02:53, 60.57it/s]
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| epoch   6 | 12500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
13007it [03:00, 59.81it/s]
```

| epoch   6 | 13000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
13503it [03:07, 60.51it/s]
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| epoch   6 | 13500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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14007it [03:14, 60.71it/s]
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```
| epoch   6 | 14000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14503it [03:20, 60.81it/s]

| epoch   6 | 14500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


15007it [03:27, 60.25it/s]

| epoch   6 | 15000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


15503it [03:34, 60.58it/s]

| epoch   6 | 15500/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


16007it [03:41, 60.25it/s]

| epoch   6 | 16000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


16503it [03:47, 60.51it/s]

| epoch   6 | 16500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


17007it [03:54, 60.42it/s]

| epoch   6 | 17000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

17503it [04:01, 60.77it/s]

| epoch   6 | 17500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


18007it [04:07, 59.83it/s]

| epoch   6 | 18000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


18503it [04:14, 60.78it/s]

| epoch   6 | 18500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


19006it [04:21, 61.06it/s]

| epoch   6 | 19000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

19509it [04:28, 63.68it/s]

| epoch   6 | 19500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

20005it [04:34, 60.34it/s]

| epoch   6 | 20000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

20509it [04:41, 63.92it/s]

| epoch   6 | 20500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
21005it [04:48, 60.55it/s]

| epoch   6 | 21000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


21508it [04:54, 62.47it/s]

| epoch   6 | 21500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


22004it [05:03, 60.70it/s]

| epoch   6 | 22000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


22508it [05:10, 59.84it/s]

| epoch   6 | 22500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
```

lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

23003it [05:16, 61.02it/s]

| epoch   6 | 23000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

23507it [05:23, 60.57it/s]

| epoch   6 | 23500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

24003it [05:30, 60.75it/s]

| epoch   6 | 24000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician

dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24507it [05:36, 59.79it/s]

| epoch   6 | 24500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25002it [05:43, 60.54it/s]

| epoch   6 | 25000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25506it [05:50, 60.05it/s]

| epoch   6 | 25500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26009it [05:57, 63.72it/s]

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| epoch   6 | 26000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26504it [06:03, 60.43it/s]

| epoch   6 | 26500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


27008it [06:10, 60.08it/s]

| epoch   6 | 27000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


27503it [06:17, 61.08it/s]

| epoch   6 | 27500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


28006it [06:23, 60.25it/s]

| epoch   6 | 28000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


28502it [06:30, 60.68it/s]

| epoch   6 | 28500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


29006it [06:37, 60.22it/s]

| epoch   6 | 29000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
29501it [06:44, 61.02it/s]

| epoch   6 | 29500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


30005it [06:50, 60.27it/s]

| epoch   6 | 30000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


30508it [06:57, 60.13it/s]

| epoch   6 | 30500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


31003it [07:04, 59.88it/s]

| epoch   6 | 31000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
```

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


31504it [07:11, 60.53it/s]

| epoch   6 | 31500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


32008it [07:18, 59.93it/s]

| epoch   6 | 32000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


32504it [07:24, 60.77it/s]

| epoch   6 | 32500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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32580it [07:26, 72.96it/s]
9it [00:00, 12.74it/s]

| epoch   7 |     0/32580 batches | loss     1.262
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


504it [00:07, 60.49it/s]

| epoch   7 |   500/32580 batches | loss     1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1007it [00:14, 60.24it/s]

| epoch   7 |  1000/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1503it [00:22, 60.11it/s]
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| epoch   7 |  1500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


2007it [00:29, 59.89it/s]

| epoch   7 |  2000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


2509it [00:36, 62.92it/s]

| epoch   7 |  2500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


3005it [00:42, 60.85it/s]

| epoch   7 |  3000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


3509it [00:49, 63.59it/s]

| epoch   7 |  3500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


4004it [00:56, 60.27it/s]

| epoch   7 |  4000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


4508it [01:02, 60.37it/s]

| epoch   7 |  4500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
5003it [01:09, 61.25it/s]

| epoch   7 |  5000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


5506it [01:16, 60.59it/s]

| epoch   7 |  5500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


6010it [01:23, 63.80it/s]

| epoch   7 |  6000/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


6506it [01:29, 60.32it/s]

| epoch   7 |  6500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
```

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


7010it [01:36, 63.93it/s]

| epoch   7 |  7000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


7506it [01:43, 59.93it/s]

| epoch   7 |  7500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


8010it [01:50, 63.29it/s]

| epoch   7 |  8000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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8505it [01:56, 60.91it/s]

| epoch   7 |  8500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


9008it [02:03, 62.50it/s]

| epoch   7 |  9000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


9504it [02:10, 60.19it/s]

| epoch   7 |  9500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


10006it [02:16, 60.06it/s]

| epoch   7 | 10000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
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lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

10502it [02:23, 60.67it/s]

| epoch   7 | 10500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

11006it [02:30, 59.79it/s]

| epoch   7 | 11000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

11509it [02:37, 64.30it/s]

| epoch   7 | 11500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

12005it [02:43, 60.41it/s]

| epoch   7 | 12000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

12508it [02:50, 63.05it/s]

| epoch   7 | 12500/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

13004it [02:57, 61.02it/s]

| epoch   7 | 13000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

13508it [03:04, 61.15it/s]

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| epoch   7 | 13500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14004it [03:10, 60.34it/s]

| epoch   7 | 14000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14507it [03:17, 60.68it/s]

| epoch   7 | 14500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


15003it [03:24, 60.93it/s]

| epoch   7 | 15000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
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musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


15507it [03:30, 60.11it/s]

| epoch   7 | 15500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


16003it [03:37, 60.62it/s]

| epoch   7 | 16000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


16507it [03:44, 60.23it/s]

| epoch   7 | 16500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

17003it [03:50, 60.65it/s]

| epoch   7 | 17000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


17507it [03:57, 60.84it/s]

| epoch   7 | 17500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


18003it [04:04, 60.46it/s]

| epoch   7 | 18000/32580 batches | loss    1.336
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


18506it [04:11, 60.54it/s]

| epoch   7 | 18500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


19002it [04:17, 60.90it/s]

| epoch   7 | 19000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


19506it [04:24, 59.92it/s]

| epoch   7 | 19500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


20002it [04:31, 60.57it/s]

| epoch   7 | 20000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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20505it [04:38, 60.41it/s]

| epoch   7 | 20500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


21008it [04:44, 60.71it/s]

| epoch   7 | 21000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


21504it [04:51, 60.83it/s]

| epoch   7 | 21500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


22008it [04:58, 60.23it/s]

| epoch   7 | 22000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
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lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

22504it [05:04, 61.05it/s]

| epoch   7 | 22500/32580 batches | loss     1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

23000it [05:11, 76.35it/s]

| epoch   7 | 23000/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

23504it [05:18, 60.52it/s]

| epoch   7 | 23500/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


24008it [05:24, 61.15it/s]

| epoch    7 | 24000/32580 batches | loss     1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


24503it [05:31, 61.19it/s]

| epoch    7 | 24500/32580 batches | loss     1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


25007it [05:40, 60.38it/s]

| epoch    7 | 25000/32580 batches | loss     1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


25502it [05:47, 61.03it/s]

```
| epoch   7 | 25500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26006it [05:53, 60.85it/s]

| epoch   7 | 26000/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26502it [06:00, 60.86it/s]

| epoch   7 | 26500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


27006it [06:07, 60.58it/s]

| epoch   7 | 27000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


27509it [06:13, 63.12it/s]

| epoch   7 | 27500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


28005it [06:20, 61.10it/s]

| epoch   7 | 28000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


28509it [06:27, 63.74it/s]

| epoch   7 | 28500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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29005it [06:33, 60.82it/s]
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| epoch   7 | 29000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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29509it [06:40, 64.37it/s]
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| epoch   7 | 29500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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30005it [06:47, 60.84it/s]
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| epoch   7 | 30000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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30509it [06:53, 64.38it/s]
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| epoch   7 | 30500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


31005it [07:00, 60.74it/s]

| epoch   7 | 31000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


31509it [07:07, 64.26it/s]

| epoch   7 | 31500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


32005it [07:13, 60.73it/s]

| epoch   7 | 32000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

```
32509it [07:20, 64.10it/s]

| epoch   7 | 32500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition



32580it [07:22, 73.69it/s]
4it [00:00,  5.82it/s]

| epoch   8 |     0/32580 batches | loss    1.288
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition



500it [00:07, 75.93it/s]

| epoch   8 |   500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition



1003it [00:14, 61.50it/s]
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| epoch   8 |   1000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1507it [00:20, 61.24it/s]

| epoch   8 |   1500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


2003it [00:27, 61.74it/s]

| epoch   8 |   2000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


2507it [00:34, 60.81it/s]

| epoch   8 |   2500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

3003it [00:40, 61.47it/s]

| epoch   8 |   3000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

3506it [00:47, 61.30it/s]

| epoch   8 |   3500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

4010it [00:54, 64.65it/s]

| epoch   8 |   4000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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4506it [01:00, 61.53it/s]

| epoch   8 |  4500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


5009it [01:07, 63.25it/s]

| epoch   8 |  5000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


5505it [01:14, 61.18it/s]

| epoch   8 |  5500/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


6009it [01:20, 64.46it/s]

| epoch   8 |  6000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
```

africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition



6504it [01:27, 61.40it/s]

| epoch    8 |   6500/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition



7008it [01:33, 61.39it/s]

| epoch    8 |   7000/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition



7504it [01:40, 61.22it/s]

| epoch    8 |   7500/32580 batches | loss     1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

8008it [01:47, 60.86it/s]

| epoch   8 |  8000/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


8504it [01:53, 61.69it/s]

| epoch   8 |  8500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


9000it [02:00, 75.99it/s]

| epoch   8 |  9000/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


9504it [02:07, 60.93it/s]

| epoch   8 |  9500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need

lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

10007it [02:13, 61.19it/s]

| epoch   8 | 10000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

10503it [02:20, 61.01it/s]

| epoch   8 | 10500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

11007it [02:27, 60.47it/s]

| epoch   8 | 11000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician

dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11503it [02:33, 60.93it/s]

| epoch   8 | 11500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


12007it [02:40, 61.35it/s]

| epoch   8 | 12000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


12503it [02:47, 61.37it/s]

| epoch   8 | 12500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


13007it [02:53, 60.83it/s]

```
| epoch   8 | 13000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




13510it [03:00, 64.96it/s]

| epoch   8 | 13500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




14006it [03:07, 60.72it/s]

| epoch   8 | 14000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




14509it [03:13, 64.96it/s]

| epoch   8 | 14500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


15005it [03:20, 61.66it/s]

| epoch   8 | 15000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


15508it [03:27, 61.40it/s]

| epoch   8 | 15500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


16004it [03:35, 60.16it/s]

| epoch   8 | 16000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
16507it [03:41, 61.02it/s]

| epoch   8 | 16500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




17003it [03:48, 61.35it/s]

| epoch   8 | 17000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




17507it [03:55, 60.40it/s]

| epoch   8 | 17500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




18003it [04:01, 61.55it/s]

| epoch   8 | 18000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
```

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

18507it [04:08, 60.68it/s]

| epoch   8 | 18500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

19003it [04:15, 61.16it/s]

| epoch   8 | 19000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

19507it [04:21, 60.55it/s]

| epoch   8 | 19500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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20003it [04:28, 61.74it/s]

| epoch   8 | 20000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20507it [04:35, 60.85it/s]

| epoch   8 | 20500/32580 batches | loss    1.325
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


21010it [04:41, 63.53it/s]

| epoch   8 | 21000/32580 batches | loss    1.336
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


21506it [04:48, 60.37it/s]

| epoch   8 | 21500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
```

lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


22002it [04:54, 61.04it/s]

| epoch   8 | 22000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


22506it [05:01, 61.59it/s]

| epoch   8 | 22500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


23010it [05:08, 64.79it/s]

| epoch   8 | 23000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


23506it [05:14, 60.74it/s]

| epoch   8 | 23500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24010it [05:21, 64.94it/s]

| epoch   8 | 24000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24506it [05:28, 60.84it/s]

| epoch   8 | 24500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25009it [05:34, 63.72it/s]

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| epoch   8 | 25000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25505it [05:41, 60.25it/s]

| epoch   8 | 25500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26000it [05:48, 76.24it/s]

| epoch   8 | 26000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26503it [05:54, 61.69it/s]

| epoch   8 | 26500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


27007it [06:01, 60.83it/s]

| epoch   8 | 27000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


27503it [06:08, 61.53it/s]

| epoch   8 | 27500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


28007it [06:16, 51.09it/s]

| epoch   8 | 28000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

28511it [06:22, 64.67it/s]

| epoch   8 | 28500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29007it [06:29, 61.00it/s]

| epoch   8 | 29000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29503it [06:36, 61.35it/s]

| epoch   8 | 29500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


30007it [06:42, 61.29it/s]

| epoch   8 | 30000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

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africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


30503it [06:49, 60.93it/s]

| epoch    8 | 30500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


31007it [06:56, 61.03it/s]

| epoch    8 | 31000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


31503it [07:02, 61.24it/s]

| epoch    8 | 31500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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32006it [07:09, 60.90it/s]

| epoch   8 | 32000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


32502it [07:16, 60.92it/s]

| epoch   8 | 32500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


32580it [07:17, 74.41it/s]
4it [00:00,  5.70it/s]

| epoch   9 |     0/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


508it [00:07, 59.92it/s]
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| epoch    9 |    500/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1004it [00:14, 61.41it/s]

| epoch    9 |   1000/32580 batches | loss     1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1508it [00:20, 60.66it/s]

| epoch    9 |   1500/32580 batches | loss     1.324
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


2005it [00:27, 59.48it/s]

| epoch    9 |   2000/32580 batches | loss     1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


2501it [03:55,  4.29it/s]

| epoch   9 |  2500/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


3004it [04:02, 56.20it/s]

| epoch   9 |  3000/32580 batches | loss    1.339
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


3508it [04:09, 57.55it/s]

| epoch   9 |  3500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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4008it [04:16, 61.48it/s]

| epoch   9 |  4000/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




4503it [04:23, 53.56it/s]

| epoch   9 |  4500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




5006it [04:30, 55.42it/s]

| epoch   9 |  5000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




5508it [04:37, 60.17it/s]

| epoch   9 |  5500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
```

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


6004it [04:44, 57.75it/s]

| epoch   9 |  6000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


6507it [04:51, 57.23it/s]

| epoch   9 |  6500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


7000it [04:58, 75.43it/s]

| epoch   9 |  7000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

```
7504it [05:05, 57.99it/s]

| epoch   9 |  7500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


8007it [05:12, 56.97it/s]

| epoch   9 |  8000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


8508it [05:19, 59.45it/s]

| epoch   9 |  8500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


9002it [05:26, 57.05it/s]

| epoch   9 |  9000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
```

lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

9504it [05:33, 57.12it/s]

| epoch   9 |  9500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

10007it [05:40, 59.89it/s]

| epoch   9 | 10000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

10503it [05:46, 56.65it/s]

| epoch   9 | 10500/32580 batches | loss    1.323
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


11005it [05:53, 59.61it/s]

| epoch   9 | 11000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


11508it [06:00, 61.33it/s]

| epoch   9 | 11500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


12001it [06:07, 56.68it/s]

| epoch   9 | 12000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


12503it [06:14, 57.21it/s]

```
| epoch   9 | 12500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




13004it [06:21, 56.80it/s]

| epoch   9 | 13000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




13506it [06:28, 56.83it/s]

| epoch   9 | 13500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition




14002it [06:35, 57.41it/s]

| epoch   9 | 14000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14505it [06:42, 56.18it/s]

| epoch    9 | 14500/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


15007it [06:49, 57.32it/s]

| epoch    9 | 15000/32580 batches | loss     1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


15502it [06:56, 58.94it/s]

| epoch    9 | 15500/32580 batches | loss     1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

16003it [07:03, 57.10it/s]

| epoch   9 | 16000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


16505it [07:10, 57.79it/s]

| epoch   9 | 16500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


17000it [07:17, 73.56it/s]

| epoch   9 | 17000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


17503it [07:24, 58.13it/s]

| epoch   9 | 17500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


18005it [07:31, 58.81it/s]

| epoch   9 | 18000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


18501it [07:38, 60.35it/s]

| epoch   9 | 18500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


19000it [07:44, 71.17it/s]

| epoch   9 | 19000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

19504it [07:54, 57.90it/s]

| epoch   9 | 19500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20010it [08:01, 63.87it/s]

| epoch   9 | 20000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20506it [08:08, 58.57it/s]

| epoch   9 | 20500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


21008it [08:15, 62.19it/s]

| epoch   9 | 21000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need

lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

21503it [08:21, 58.37it/s]

| epoch   9 | 21500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

22006it [08:28, 58.27it/s]

| epoch   9 | 22000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

22508it [08:35, 60.46it/s]

| epoch   9 | 22500/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


23004it [08:42, 58.28it/s]

| epoch   9 | 23000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


23507it [08:49, 57.39it/s]

| epoch   9 | 23500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24009it [08:56, 60.47it/s]

| epoch   9 | 24000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24504it [09:03, 58.30it/s]

```
| epoch   9 | 24500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25007it [09:09, 57.84it/s]

| epoch   9 | 25000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25503it [09:16, 57.52it/s]

| epoch   9 | 25500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26005it [09:23, 59.04it/s]

| epoch   9 | 26000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
```

musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


26509it [09:30, 63.03it/s]

| epoch   9 | 26500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


27005it [09:37, 58.71it/s]

| epoch   9 | 27000/32580 batches | loss    1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


27501it [09:43, 59.30it/s]

| epoch   9 | 27500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

28005it [09:50, 59.51it/s]

| epoch   9 | 28000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


28509it [09:57, 62.78it/s]

| epoch   9 | 28500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29004it [10:04, 59.34it/s]

| epoch   9 | 29000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29507it [10:11, 58.55it/s]

| epoch   9 | 29500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


30002it [10:17, 58.36it/s]

| epoch   9 | 30000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


30505it [10:24, 58.88it/s]

| epoch   9 | 30500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


31000it [10:31, 74.68it/s]

| epoch   9 | 31000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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31503it [10:38, 58.84it/s]

| epoch   9 | 31500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


32007it [10:45, 58.47it/s]

| epoch   9 | 32000/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


32502it [10:51, 58.65it/s]

| epoch   9 | 32500/32580 batches | loss    1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


32580it [10:53, 49.83it/s]
4it [00:00,  5.62it/s]
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| epoch  10 |     0/32580 batches | loss    1.257
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


500it [00:07, 74.79it/s]

| epoch  10 |   500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1003it [00:14, 58.95it/s]

| epoch  10 |  1000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


1507it [00:21, 58.98it/s]

| epoch  10 |  1500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
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musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


2002it [00:28, 59.17it/s]

| epoch  10 |  2000/32580 batches | loss     1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


2505it [00:34, 58.82it/s]

| epoch  10 |  2500/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


3001it [00:41, 59.30it/s]

| epoch  10 |  3000/32580 batches | loss     1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

3503it [00:48, 58.70it/s]

| epoch  10 |  3500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


3999it [00:55, 74.51it/s]

| epoch  10 |  4000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


4503it [01:02, 57.20it/s]

| epoch  10 |  4500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


5007it [01:09, 57.29it/s]

| epoch  10 |  5000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


5503it [01:15, 56.53it/s]

| epoch  10 |  5500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


6005it [01:22, 56.98it/s]

| epoch  10 |  6000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


6500it [01:29, 74.45it/s]

| epoch  10 |  6500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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7004it [01:36, 58.24it/s]

| epoch  10 |  7000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


7500it [01:43, 74.80it/s]

| epoch  10 |  7500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


8004it [01:49, 59.42it/s]

| epoch  10 |  8000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


8500it [01:56, 74.55it/s]

| epoch  10 |  8500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
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lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


9004it [02:03, 58.76it/s]

| epoch   10 |  9000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


9503it [02:10, 57.68it/s]

| epoch   10 |  9500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


10006it [02:17, 58.72it/s]

| epoch   10 | 10000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

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dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


10505it [02:26, 57.31it/s]

| epoch  10 | 10500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11000it [02:32, 74.61it/s]

| epoch  10 | 11000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11503it [02:39, 58.66it/s]

| epoch  10 | 11500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


11999it [02:46, 74.51it/s]
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| epoch  10 | 12000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


12509it [02:53, 60.89it/s]

| epoch  10 | 12500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


13004it [03:00, 57.33it/s]

| epoch  10 | 13000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


13500it [03:06, 74.74it/s]

| epoch  10 | 13500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
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musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14003it [03:13, 58.87it/s]

| epoch  10 | 14000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


14505it [03:20, 57.75it/s]

| epoch  10 | 14500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


15000it [03:27, 74.61it/s]

| epoch  10 | 15000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

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15504it [03:34, 55.85it/s]

| epoch  10 | 15500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


16000it [03:41, 74.65it/s]

| epoch  10 | 16000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


16503it [03:48, 53.36it/s]

| epoch  10 | 16500/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


16998it [03:54, 74.09it/s]

| epoch  10 | 17000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
```

africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


17502it [04:01, 55.53it/s]

| epoch   10 | 17500/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


18005it [04:08, 53.67it/s]

| epoch   10 | 18000/32580 batches | loss     1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


18500it [04:15, 74.13it/s]

| epoch   10 | 18500/32580 batches | loss     1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition

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19003it [04:22, 56.14it/s]

| epoch  10 | 19000/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


19505it [04:29, 56.81it/s]

| epoch  10 | 19500/32580 batches | loss    1.327
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20000it [04:36, 74.56it/s]

| epoch  10 | 20000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


20504it [04:43, 56.45it/s]

| epoch  10 | 20500/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
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lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


20999it [04:49, 74.71it/s]

| epoch   10 | 21000/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


21502it [04:56, 57.05it/s]

| epoch   10 | 21500/32580 batches | loss     1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


22005it [05:03, 57.95it/s]

| epoch   10 | 22000/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician

dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


22507it [05:12, 53.62it/s]

| epoch   10 | 22500/32580 batches | loss     1.335
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


23002it [05:18, 57.52it/s]

| epoch   10 | 23000/32580 batches | loss     1.326
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


23506it [05:25, 57.21it/s]

| epoch   10 | 23500/32580 batches | loss     1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean, prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia, england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet, politician
dance: music, modern, art, traditional, classical, concept, whole, study, early, addition


24008it [05:32, 60.17it/s]

```
| epoch  10 | 24000/32580 batches | loss    1.328
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


24504it [05:39, 58.39it/s]

| epoch  10 | 24500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25008it [05:46, 57.40it/s]

| epoch  10 | 25000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


25504it [05:52, 57.42it/s]

| epoch  10 | 25500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
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musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26007it [05:59, 57.55it/s]

| epoch  10 | 26000/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


26502it [06:06, 53.69it/s]

| epoch  10 | 26500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


27005it [06:13, 56.60it/s]

| epoch  10 | 27000/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

27508it [06:20, 60.74it/s]

| epoch   10 | 27500/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


28003it [06:27, 57.42it/s]

| epoch   10 | 28000/32580 batches | loss    1.331
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


28506it [06:33, 57.23it/s]

| epoch   10 | 28500/32580 batches | loss    1.333
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29008it [06:40, 61.25it/s]

| epoch   10 | 29000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales

africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


29503it [06:47, 59.30it/s]

| epoch   10 | 29500/32580 batches | loss    1.334
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


30007it [06:54, 58.73it/s]

| epoch   10 | 30000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


30502it [07:01, 58.97it/s]

| epoch   10 | 30500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition

```
31008it [07:08, 58.44it/s]

| epoch  10 | 31000/32580 batches | loss    1.329
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


31504it [07:15, 57.23it/s]

| epoch  10 | 31500/32580 batches | loss    1.330
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


31999it [07:21, 74.90it/s]

| epoch  10 | 32000/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition


32509it [07:29, 62.26it/s]

| epoch  10 | 32500/32580 batches | loss    1.332
money: so, them, if, rather, fact, taken, others, well, seen, need
```

```
lion: race, real, programming, favor, participated, accordance, magnetic, ocean,
prince, wales
africa: europe, india, america, south, kingdom, australia, united, asia,
england, nine
musician: actor, actress, singer, writer, author, nine, born, composer, poet,
politician
dance: music, modern, art, traditional, classical, concept, whole, study, early,
addition
```

```
32580it [07:30, 72.27it/s]
```

[ ]:

### 0.0.8 Some diagnostics.

Sometimes you want to add diagnostics to your NN. - For each iteration, get the $L_2$ norm of the gradients* learning_rate and divide this by the parameters. This should be about -3 on the log scale, i.e. the ratio should be about 0.001. If the ratios are smaller, the learning rate might be too small, otherwise too large. Below we do this for the Skip-Gram model above.

```python
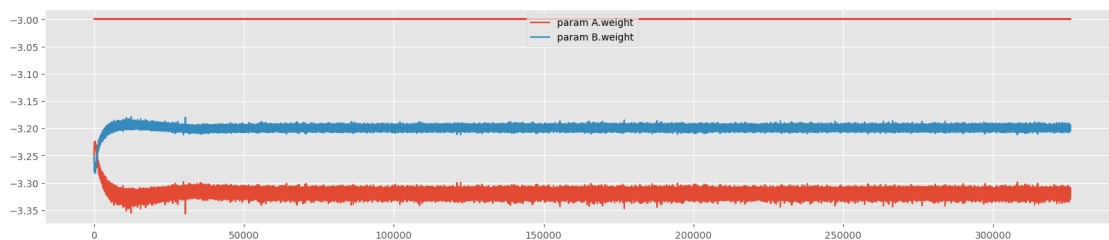[ ]: import matplotlib.pyplot as plt
     plt.figure(figsize=(20, 4))
     legends = []
     for i, (name, p) in enumerate(model.named_parameters()):
         plt.plot([ratios[j][i] for j in range(len(ratios))])
         legends.append('param {}'.format(name))
     plt.plot([0, len(ratios)], [-3, -3], 'r')
     plt.legend(legends)
```

```
[ ]: <matplotlib.legend.Legend at 0x2e4183f2c20>
```



How do you make sure the learing rate is good? Look at the above plots and suppose we have $log(LR * ratio) = -5$. Then $LR * ratio = 10^{-5}$. Assuming the ratio does not vary much, this probably means we need to increase the learing rate $LR$. Similarly for a reverse direction.

[ ]: