

# assignment11

August 11, 2021

```
[1]: import numpy as np
```

```
[2]: def reweight_distribution(original_distribution, temperature=0.5):  
    distribution = np.log(original_distribution) / temperature  
    distribution = np.exp(distribution)  
    return distribution / np.sum(distribution)
```

```
[3]: import keras
```

```
[4]: path = keras.utils.get_file(  
    '11-0.txt',  
    origin='https://www.gutenberg.org/files/11/11-0.txt')  
  
text = open(path).read().lower()  
print('Corpus length:', len(text))
```

Corpus length: 164047

```
[5]: maxlen = 60  
step = 3  
sentences = []  
next_chars = []
```

```
[6]: for i in range(0, len(text) - maxlen, step):  
    sentences.append(text[i: i + maxlen])  
    next_chars.append(text[i + maxlen])  
  
print('Number of sequences:', len(sentences))
```

Number of sequences: 54663

```
[7]: chars = sorted(list(set(text)))  
print('Unique characters:', len(chars))  
char_indices = dict((char, chars.index(char)) for char in chars)
```

Unique characters: 64

```
[8]: print('Vectorization...')
x = np.zeros((len(sentences), maxlen, len(chars)), dtype=np.bool)
y = np.zeros((len(sentences), len(chars)), dtype=np.bool)
for i, sentence in enumerate(sentences):
    for t, char in enumerate(sentence):
        x[i, t, char_indices[char]] = 1
    y[i, char_indices[next_chars[i]]] = 1
```

Vectorization...

```
[9]: from keras import layers
```

```
[10]: model = keras.models.Sequential()
model.add(layers.LSTM(128, input_shape=(maxlen, len(chars))))
model.add(layers.Dense(len(chars), activation='softmax'))
```

```
[11]: optimizer = keras.optimizers.RMSprop(lr=0.01)
model.compile(loss='categorical_crossentropy', optimizer=optimizer)
```

```
[12]: def sample(preds, temperature=1.0):
    preds = np.asarray(preds).astype('float64')
    preds = np.log(preds) / temperature
    exp_preds = np.exp(preds)
    preds = exp_preds / np.sum(exp_preds)
    probas = np.random.multinomial(1, preds, 1)
    return np.argmax(probas)
```

```
[13]: import random
import sys
```

```
[15]: for epoch in range(1, 60):
    print('epoch', epoch)
    model.fit(x, y, batch_size=128, epochs=1)
    start_index = random.randint(0, len(text) - maxlen - 1)
    generated_text = text[start_index: start_index + maxlen]
    print('--- Generating with seed: "' + generated_text + '"')

    for temperature in [0.2, 0.5, 1.0, 1.2]:
        print('----- temperature:', temperature)
        sys.stdout.write(generated_text)

    for i in range(400):
        sampled = np.zeros((1, maxlen, len(chars)))
        for t, char in enumerate(generated_text):
            sampled[0, t, char_indices[char]] = 1.

        preds = model.predict(sampled, verbose=0) [0]
```

```

next_index = sample(preds, temperature)
next_char = chars[next_index]

generated_text += next_char
generated_text = generated_text[1:]

sys.stdout.write(next_char)

```

```

epoch 1
428/428 [=====] - 52s 122ms/step - loss: 1.8244
--- Generating with seed: "w, as we needn't try to find any. and yet i don't
know," he "
----- temperature: 0.2
w, as we needn't try to find any. and yet i don't
know," he ----- temperature: 0.5
w, as we needn't try to find any. and yet i don't
know," he ----- temperature: 1.0
w, as we needn't try to find any. and yet i don't
know," he ----- temperature: 1.2
w, as we needn't try to find any. and yet i don't
know," he hawi
thayti'p juch dasting
ereso," said the ocentever, inflegwa-lomarsto the canly." said the gew,
arep. you ub?" therraialie."

thenempoedve ustzy"r
thenhboiin," apie a merarin loke," "thonp?" said she to to
she chsefdingissene)
"we hant," well tulb, to she abporrhon orter.e
suchont;"

"you, and-you
knowntyw* on oo pooknonout, did opf
hinterpt of itseryout eore, or suped: that in oteprointo, andepoch 2
428/428 [=====] - 55s 127ms/step - loss: 1.6295
--- Generating with seed: "all this time, sat down again very
sadly and quietly, and lo"
----- temperature: 0.2
all this time, sat down again very
sadly and quietly, and lo----- temperature: 0.5
all this time, sat down again very
sadly and quietly, and lo----- temperature: 1.0
all this time, sat down again very
sadly and quietly, and lo----- temperature: 1.2
all this time, sat down again very
sadly and quietly, and lolles wance offeentw sce the exen.

```

"here one the doog, ald birg,\_ to ome hermai's un.tidg they she, with bury itt  
 if they grythbusce fly as\_ loage!" she weatred toe, veeys it's kee stoiding  
 orchiiig! to dily,  
 no  
 queen, her  
 asce asiciming  
 her knowbs!" fat e-toiseonce;  
 jurn she stoul oper lerg, to be of the hid deag.?"

"somebtwo.

thei?" she  
 wain beane thirt.

they ifmibrion \_pury,  
 her  
 birgy thepoch 3  
 428/428 [=====] - 55s 128ms/step - loss: 1.5018  
 --- Generating with seed: " "very  
 uncomfortable for the dormouse," thought alice; "only"  
 ----- temperature: 0.2  
 "very  
 uncomfortable for the dormouse," thought alice; "only----- temperature: 0.5  
 "very  
 uncomfortable for the dormouse," thought alice; "only----- temperature: 1.0  
 "very  
 uncomfortable for the dormouse," thought alice; "only----- temperature: 1.2  
 "very  
 uncomfortable for the dormouse," thought alice; "only quite the  
 sapt again ," she shed!" liked hures was going," said the king hile thase feat,  
 elles it tere chaure "?ging chedont, thought tle ever was  
 no twer thore evertod, howhye fellace this  
 swood the parn's blensh  
 aspoush hat  
 ."  
 dinees take toor voices. "at eelld  
 thoueging that  
 dooe hamh, and  
 cliese ave  
 proaed if it ise wast shat proected and cleces asoped at haming in anytimesly:  
 this ho mbepoch 4  
 428/428 [=====] - 54s 125ms/step - loss: 1.4091  
 --- Generating with seed: "" said alice, and she put them into a large  
 flower-pot that "  
 ----- temperature: 0.2  
 " said alice, and she put them into a large  
 flower-pot that ----- temperature: 0.5  
 " said alice, and she put them into a large

flower-pot that ----- temperature: 1.0  
 " said alice, and she put them into a large  
 flower-pot that ----- temperature: 1.2  
 " said alice, and she put them into a large  
 flower-pot that did steivte  
 deen, with be drowenber fideelorec" sides. lowved eyout her;

wwon puraue after . the thoughtigg \_wiy-," said the puctly. she said  
 -"an't, i suzon beally: of e; coming."

"dearm,, what wa ne,\_n, it ould be ki, pepper offeentptions ofh!" addys  
 tolding \_whene she had i though ga\_ is supped him\_t very  
 carlas, with have couldny temch amouth feever:

downmy el  
 arthon.-

-)\*  
 ?" as i"ne!"epoch 5  
 428/428 [=====] - 52s 121ms/step - loss: 1.3430  
 --- Generating with seed: " to her that she might as well look and see what  
 was on the "  
 ----- temperature: 0.2  
 to her that she might as well look and see what  
 was on the ----- temperature: 0.5  
 to her that she might as well look and see what  
 was on the ----- temperature: 1.0  
 to her that she might as well look and see what  
 was on the ----- temperature: 1.2  
 to her that she might as well look and see what  
 was on the gore"  
 dibnional \_what\_ idzrain the can's goodfown wrot anythinguph beckior i  
 whatmoug\_-and then maisued." said alice. e"we you chimupiniit  
 madd peasi"  
 le piked  
 acriesdy  
 looe then the migvoling pricuct camfoy:

"and, alice said for it all xet "daxs havire's  
 to say," alice w;one dland  
 very i'l,  
 behann in pacacution" deafowi?\_" little. he foolxeines. the rakes:

"shupp!" wai could's figuos: alepoch 6  
 428/428 [=====] - 54s 127ms/step - loss: 1.2888  
 --- Generating with seed: "y tea when i was sent for."

"you ought to have finished," s"  
----- temperature: 0.2  
y tea when i was sent for."

"you ought to have finished," s----- temperature: 0.5  
y tea when i was sent for."

"you ought to have finished," s----- temperature: 1.0  
y tea when i was sent for."

"you ought to have finished," s----- temperature: 1.2  
y tea when i was sent for."

"you ought to have finished," s"ad alice-said  
torensen amoch the little ham allbelse that bread. him  
that\_  
in they-all doublon?'m.

thprrew."  
there?" said alice, fof chily.

"thead) listurtber showenn't on othing, you've beatly go began notictions, while  
selins, purfoot  
cay to this lynch mack asmer was, on the sistly you know\_ annwinarush\_ arahed  
brushit ?w the door aking stop-: she doting g(t noteh live feacid of main tawle:  
teepoch 7  
428/428 [=====] - 55s 128ms/step - loss: 1.2456  
--- Generating with seed: "its you derive from  
the use of project gutenbergm works "  
----- temperature: 0.2  
its you derive from  
the use of project gutenbergm works ----- temperature: 0.5  
its you derive from  
the use of project gutenbergm works ----- temperature: 1.0  
its you derive from  
the use of project gutenbergm works ----- temperature: 1.2  
its you derive from  
the use of project gutenbergm works all went  
enpevedr:ning in pl  
yountation destreptiin them litter.

alice  
all; hut. both levesveifesyive that come take begundor stepent, onming  
goodiramawl," the daduchtled to his no crosses from ham thre!" the seajict hire  
herself.

for the queen.

electronic works.

"aw agaet.

"what\_ you jost teete,  
to missile seom. "thatsyve than have belittering  
co toog, "him\_ i should moul nevedken!" said the epoch 8  
428/428 [=====] - 53s 123ms/step - loss: 1.2079  
--- Generating with seed: " went on again: "twenty-four hours, i \_think\_; or  
is it twel"  
----- temperature: 0.2  
went on again: "twenty-four hours, i \_think\_; or  
is it twel----- temperature: 0.5  
went on again: "twenty-four hours, i \_think\_; or  
is it twel----- temperature: 1.0  
went on again: "twenty-four hours, i \_think\_; or  
is it twel----- temperature: 1.2  
went on again: "twenty-four hours, i \_think\_; or  
is it twelp a lorgen grade inshe nobuss howf it:

holitily  
rathing us aqmeeg change  
, as to us hablen's leard of project gutenber3orgles trustee: "oh?  
ma!ansifglenful replte, she cautly.  
and  
the dormouse, with befino  
off refund raihes for the floice off whechive breas on my raball fece game a  
coubalia,

altack of m !"  
she cauts, herries, and  
(eeplingo thoughts?" he she went innay nave id out sia  
donm  
wheepoch 9  
428/428 [=====] - 52s 121ms/step - loss: 1.1752  
--- Generating with seed: "ons from states where we  
have not met the solicitation requi"  
----- temperature: 0.2  
ons from states where we  
have not met the solicitation requi----- temperature: 0.5  
ons from states where we  
have not met the solicitation requi----- temperature: 1.0  
ons from states where we  
have not met the solicitation requi----- temperature: 1.2  
ons from states where we  
have not met the solicitation required withea. "in my day, that beilowever!"

"wwwle!" th  
ie wathen listeatation defilited:."

"an asried! exyecer the  
cat all thing when the coterminand of the  
unfolay on tood-catelore-"

the king was his was dast of the -it. yexendal pase  
snecent,  
turning it, undery to?" said the king: she  
could side could. "was wenbout, but,"  
so

hall you rege\_ tick?"

", 's's  
dinan on it mided af emy, think howeverepoch 10  
428/428 [=====] - 52s 122ms/step - loss: 1.1508  
--- Generating with seed: "a long sleep you've  
had!"

"oh, i've had such a curious drea"  
----- temperature: 0.2  
a long sleep you've  
had!"

"oh, i've had such a curious drea----- temperature: 0.5  
a long sleep you've  
had!"

"oh, i've had such a curious drea----- temperature: 1.0  
a long sleep you've  
had!"

"oh, i've had such a curious drea----- temperature: 1.2  
a long sleep you've  
had!"

"oh, i've had such a curious dreaps-me your mo: not please the fount of revar!  
' ) they \_is lla-difr minution you gone," cruied the knut tallianded, and she sabe  
way, you durpreamend: "as spread," she said to the  
dad creath  
"differef shaking," alice queer time to brou dead, mouny-" the rabef on she have  
the chifreing ha cat! hurtie pleas it, and when ne would not-in as befthed!" and  
there shaded was off after the thoterally think.epoch 11  
428/428 [=====] - 53s 123ms/step - loss: 1.1352  
--- Generating with seed: "yes bright and eager with many a strange tale,  
perhaps even "



----- temperature: 0.2  
yes bright and eager with many a strange tale,  
perhaps even ----- temperature: 0.5  
yes bright and eager with many a strange tale,  
perhaps even ----- temperature: 1.0  
yes bright and eager with many a strange tale,  
perhaps even ----- temperature: 1.2  
yes bright and eager with many a strange tale,  
perhaps even little!.

sabd be innectloug.

"as im as wasking," said the caterpillare voice last prosed a  
somnto my replied.

"just unteralf inyo his unforch rom  
nry on seement, and she west they wonted mely shill her  
liftion iffice.verible replace,  
puttunted ere? licker out?  
licen.

"you user  
wat juitino quite i thate whe talking, but, conthing all wond, and said wo dextn  
very  
thily voice timing up  
to again, eepoch 12  
428/428 [=====] - 53s 123ms/step - loss: 1.1129  
--- Generating with seed: "m out again. that's all."

"thank you," said alice, "it's ve"  
----- temperature: 0.2  
m out again. that's all."

"thank you," said alice, "it's ve----- temperature: 0.5  
m out again. that's all."

"thank you," said alice, "it's ve----- temperature: 1.0  
m out again. that's all."

"thank you," said alice, "it's ve----- temperature: 1.2  
m out again. that's all."

"thank you," said alice, "it's very imporion its queen with atied sospof  
mind beink, i neverpharcl. nothing back at brawieaking finds that!" buch.

queer propes he-de?" vaideried sleapted, "you'd all the  
adabber went, mobullyar, very ruch, after olf.

"the mayse  
 did  
 )ning the duchess armpsely,  
     anyterptol!" said alice.  
 ". doconce of knotict after rathing set mobitadinamesly dear, m. you know not  
 then about pos, non a mouter epoch 13  
 428/428 [=====] - 52s 122ms/step - loss: 1.0927  
 --- Generating with seed: "st of educations-in fact, we went to school every  
 day-"

"\_i"  
 ----- temperature: 0.2  
 st of educations-in fact, we went to school every day-

"\_i----- temperature: 0.5  
 st of educations-in fact, we went to school every day-

"\_i----- temperature: 1.0  
 st of educations-in fact, we went to school every day-

"\_i----- temperature: 1.2  
 st of educations-in fact, we went to school every day-

"\_i\_ which a," thought turnly, the endghairs sho threwfins ou  
 dreas toled. to her, what canse that cem, but onden who puupond so  
 this all my, here. when the end made a-about it," said alice.

"\_they  
 whon wwwwing off e\*f catuld!" theribsingtile, she said perpaoft in so bre!"  
 un show him gave his moot she was more a psalleobed,  
 for ih was fun!" wht thought but on,  
 who went oots arm of viffice to chaepoch 14  
 428/428 [=====] - 52s 122ms/step - loss: 1.0768  
 --- Generating with seed: " offended tone, "so i can't  
 take more."

"you mean you can't"  
 ----- temperature: 0.2  
 offended tone, "so i can't  
 take more."

"you mean you can't----- temperature: 0.5  
 offended tone, "so i can't  
 take more."

"you mean you can't----- temperature: 1.0  
 offended tone, "so i can't  
 take more."

"you mean you can't----- temperature: 1.2  
offended tone, "so i can't  
take more."

"you mean you can't onch great behand us.

"as leart manare, and youigh muse, and went ie commousers she a  
drees for little.

"peaked ous!" and soling  
wrool a  
sold hiaggre reach, i know, i see, could not riffetant,", and a serplething ir  
on quing: but foot herse, the chill facus sleect to hertelf, "why be even ma  
as not,  
for centent't at s!eagsherdily, she had dea old know  
no  
a-fad in for he chear which cuguter eletepoch 15  
428/428 [=====] - 52s 122ms/step - loss: 1.0623  
--- Generating with seed: "one. for forty years, he produced and  
distributed project gu"  
----- temperature: 0.2  
one. for forty years, he produced and  
distributed project gu----- temperature: 0.5  
one. for forty years, he produced and  
distributed project gu----- temperature: 1.0  
one. for forty years, he produced and  
distributed project gu----- temperature: 1.2  
one. for forty years, he produced and  
distributed project gutenbergm elecustrodmely in-smecuted on use aqdetary  
round the arried,o-

"alice's a rinch," alice had  
a lory ever\_  
of the. by the ?" said the queen, and pain man them.

"minahed," said alice. there were she knew i had how walk to get in projeet  
w.

humper to charghts the rest solessic  
agar.d and the dormbbbt educs, of crowhs  
and slate. "i looked

1veek this  
momn drayschid herself," she said; "ieepoch 16  
428/428 [=====] - 53s 123ms/step - loss: 1.0511  
--- Generating with seed: "tellectual property  
(trademark/copyright) agreement. if you "  
----- temperature: 0.2  
tellectual property

(trademark/copyright) agreement. if you ----- temperature: 0.5  
 tellectual property  
 (trademark/copyright) agreement. if you ----- temperature: 1.0  
 tellectual property  
 (trademark/copyright) agreement. if you ----- temperature: 1.2  
 tellectual property  
 (trademark/copyright) agreement. if you fond have cvence house in.  
 i"chouse's parting  
 his are told farreemeds, and, rauning in a means,  
 and beforee presecded fare i shpove their verotuntlef in cersentesww canura, his  
 slepp "or  
 donat herselanely evenut mich, and the adeed i shand in a heverulanchtied.

the prosectly. in the lodst-"

she could nivere, with kext  
 un threagaci's could statusport of return nongs.

the caterpillar. rearidely tepoch 17  
 428/428 [=====] - 52s 123ms/step - loss: 1.0388  
 --- Generating with seed: "ho had been anxiously looking across the garden,  
 called  
 out "  
 ----- temperature: 0.2  
 ho had been anxiously looking across the garden, called  
 out ----- temperature: 0.5  
 ho had been anxiously looking across the garden, called  
 out ----- temperature: 1.0  
 ho had been anxiously looking across the garden, called  
 out ----- temperature: 1.2  
 ho had been anxiously looking across the garden, called  
 out of the !" the doorse  
 fare! in ome, is minute migut to she sayt \_i'm like?mer," so they best doy,  
 growfur form-"

fy the king, you epromouse\_ wime,  
 do,  
 to dist"ing the king; th one plase her feel when said opisage facond the  
 trimusam you mear bury, if cllan  
 just at all! cound as she well, and  
 checflow  
 feer to get and re.  
 ifeem is compon of refuen ded's: 1 every  
 drow the wents in?" ever he see hearsepoch 18  
 428/428 [=====] - 52s 122ms/step - loss: 1.0280  
 --- Generating with seed: "e soldiers wandered about for a  
 minute or two, looking for t"  
 ----- temperature: 0.2

e soldiers wandered about for a  
minute or two, looking for t----- temperature: 0.5  
e soldiers wandered about for a  
minute or two, looking for t----- temperature: 1.0  
e soldiers wandered about for a  
minute or two, looking for t----- temperature: 1.2  
e soldiers wandered about for a  
minute or two, looking for the sure  
by back, and when so must!", must of course, ridd to bring," thought  
alice.

"but i moees!"

"i happen you  
mast came at alricu: it mean live hersib armut and fifte know-neey ressienn  
forriatly at went in but befolecitixainchigr inclike frok difficult. it of trial  
i  
wis nire," the king or very indice  
lite: keet of anout  
was done, reail hohed that?'s  
ceck this vi"  
she was senten an unher helepoch 19  
428/428 [=====] - 53s 123ms/step - loss: 1.0140  
--- Generating with seed: "now that you're mad?"

"to begin with," said the cat, "a dog"  
----- temperature: 0.2  
now that you're mad?"

"to begin with," said the cat, "a dog----- temperature: 0.5  
now that you're mad?"

"to begin with," said the cat, "a dog----- temperature: 1.0  
now that you're mad?"

"to begin with," said the cat, "a dog----- temperature: 1.2  
now that you're mad?"

"to begin with," said the cat, "a dogic. like would dear witinut get,  
distributed quaur of a-now seemed how all  
hif highlecbergutenbergwer other to the  
curium can't an perhatass lone wondering poppagains adding of  
the -bill: trates. "once cat la: sce peeply cleck questions for at produne ir;  
his vercesbing altoe, he wait go an rudes  
and tam him  
heards the you stat ma  
lecent little, that! they aill! ane"listrybeds burws it walk she scepoch 20  
428/428 [=====] - 53s 123ms/step - loss: 1.0028

```

--- Generating with seed: "nd the words all coming different, and then the mock
turtle "
----- temperature: 0.2
nd the words all coming different, and then the mock
turtle ----- temperature: 0.5
nd the words all coming different, and then the mock
turtle ----- temperature: 1.0
nd the words all coming different, and then the mock
turtle ----- temperature: 1.2
nd the words all coming different, and then the mock
turtle give in."

```

```

"you're conlidion," the chieldse in a thing up it, but _i_sefort. -very ended
theing.-
there's one-onas, i hand gove there cauldo se't behannvely fladal his soot of
ephest ue, a sicull theippe,
whaty ma. not becureage, i've
lockipities
slamore!" ho get in it-mulh the poor lickly way ofkenden agrils of wat dett on!
withered went
befort, there

```

```

where behtchess seppets yourself up hone of -"epoch 21
428/428 [=====] - 53s 123ms/step - loss: 0.9972
--- Generating with seed: "t_ is-'take care of the sense, and the sounds will
take care"

```

```

----- temperature: 0.2
t_ is-'take care of the sense, and the sounds will take care----- temperature:
0.5
t_ is-'take care of the sense, and the sounds will take care----- temperature:
1.0
t_ is-'take care of the sense, and the sounds will take care----- temperature:
1.2
t_ is-'take care of the sense, and the sounds will take cares get!" sood
furtine!" and said to eher hone project gutenber ebook her a copiested and
anomating (sy
that down and the hatter, and
down trye hapitionlys happing in said tea-ner hurford, and mo, htw to herself ay
"ort came to other, at once hoor the dodo
and more in a long businenter allber,
1.f.crvating of copinpasing and distributed with theme away be for po
a
licketly "

```

```

she wais. "detteredgutepoch 22
428/428 [=====] - 53s 123ms/step - loss: 0.9825
--- Generating with seed: " lesson-book. the mouse gave a
sudden leap out of the water,"
----- temperature: 0.2

```

lesson-book. the mouse gave a  
 sudden leap out of the water,----- temperature: 0.5  
 lesson-book. the mouse gave a  
 sudden leap out of the water,----- temperature: 1.0  
 lesson-book. the mouse gave a  
 sudden leap out of the water,----- temperature: 1.2  
 lesson-book. the mouse gave a  
 sudden leap out of the water, while quiten'ly mean, floi't project gutenbergut  
 down interaus\_, unrow wish afteraning notse is, you know they so that she did,"  
 said ut  
 ever a dees at it-moved  
 it! you leare thar"s is their clined againg wrod?"  
 "i  
 carchos plied, who was that note found, by  
 this sook  
 and romanink her of the troes ground out of suchabbin off  
 hooke

"diranity of a psome, upright lo2g the hooked tat sharp or elocesepoch 23  
 428/428 [=====] - 53s 123ms/step - loss: 0.9757  
 --- Generating with seed: ", and nobody spoke for some minutes. alice thought to  
 hersel"  
 ----- temperature: 0.2  
 , and nobody spoke for some minutes. alice thought to  
 hersel----- temperature: 0.5  
 , and nobody spoke for some minutes. alice thought to  
 hersel----- temperature: 1.0  
 , and nobody spoke for some minutes. alice thought to  
 hersel----- temperature: 1.2  
 , and nobody spoke for some minutes. alice thought to  
 herself oft end the hatter.

at curid-foling up into at  
 this half up in verturn-boifudy," said alice in as happened that it lid to pix  
 rishly happy shing that, you half all", "who  
 would carry him iw  
 a fry, unteng near word with the that shad down for viich hif cure, distrires  
 not chandor do, i'll jose," but oven how  
 doen," herselfe, "i'm an agrut came crinding tame a full'," said the creaticlare  
 retepoch 24  
 428/428 [=====] - 53s 123ms/step - loss: 0.9732  
 --- Generating with seed: "htened  
 tone. "the queen will hear you! you see, she came rat"  
 ----- temperature: 0.2  
 htended  
 tone. "the queen will hear you! you see, she came rat----- temperature: 0.5  
 htended  
 tone. "the queen will hear you! you see, she came rat----- temperature: 1.0

htened  
tone. "the queen will hear you! you see, she came rat----- temperature: 1.2  
htened  
tone. "the queen will hear you! you see, she came rather should haw she was a  
thing cried roybl (-whate oh, but that long in my digbites of  
promou didner.

"not do quat hurriesal inded to come to, sm

wus now  
mushe, than you phees quite rajustifely rack  
hish a tos i would think, as s'" added. logss  
very him thoughtfoot it, ord there  
her  
used hiliss hocsecuravided repling  
a bow; the milefution, si; a little iswenagefully. this cruedmupting  
wrimiledepochn 25  
428/428 [=====] - 52s 123ms/step - loss: 0.9584  
--- Generating with seed: "ngue, ma!" said the young crab, a little  
snappishly. "you're"  
----- temperature: 0.2  
ngue, ma!" said the young crab, a little  
snappishly. "you're----- temperature: 0.5  
ngue, ma!" said the young crab, a little  
snappishly. "you're----- temperature: 1.0  
ngue, ma!" said the young crab, a little  
snappishly. "you're----- temperature: 1.2  
ngue, ma!" said the young crab, a little  
snappishly. "you're ngish ais.

"of courve or -and you," alice petsens the  
hear yourstail.

colples lise, you kn.

\_te\_n!\_ butber, wat while dhen," said the dyaly well ase a sid repand in said id  
sake exher love diffical of fan, whre con, she had !me. the bork it don? i  
haven'e; no, niven and away," she's rould hals the accepts tirent;  
and though stall drybloom," the duchess, tree indeen," the horgetingering the  
cooepoch 26  
428/428 [=====] - 53s 123ms/step - loss: 0.9456  
--- Generating with seed: " david widger

\*\*\* start of the project gutenber ebook alic"  
----- temperature: 0.2  
david widger



```

*** start of the project gutenber ebook alic----- temperature: 0.5
david widger

*** start of the project gutenber ebook alic----- temperature: 1.0
david widger

*** start of the project gutenber ebook alic----- temperature: 1.2
david widger

*** start of the project gutenber ebook alice, for soy leaved, they feet of
tabid trying!" said the mouse, you make
, do off quick of the self) knoch, and hall hurtien it's scould be li(t-herself,
wh
    think so she had got in.

"in their queense whil-
"you setion yes, i'ltten."

the boots if i she think

awond of fourt.
sound
'emptying initebrew reasover
when you sharp, i sherped the mary ass over
i amoming of hourry edgice. alice gutting reepoch 27
428/428 [=====] - 53s 123ms/step - loss: 0.9370
--- Generating with seed: "icit contributions from states where we
have not met the sol"
----- temperature: 0.2
icit contributions from states where we
have not met the sol----- temperature: 0.5
icit contributions from states where we
have not met the sol----- temperature: 1.0
icit contributions from states where we
have not met the sol----- temperature: 1.2
icit contributions from states where we
have not met the soldiers desperds that there was sictly, ligect.

however will as last only cacketed explain the endationly, and mi: don't grtarts
of us away i know, moy, help it's no usie. if i hoquiten gut she began state
_itishing_-not lo'k a mise up this. it readd lats into head-quitenblowe project
gutenberg-tm looked any. -what soun,s it was extfom as whilb be dever," said
alice her was sle tmine!" and i wi silepoch 28
428/428 [=====] - 53s 123ms/step - loss: 0.9370
--- Generating with seed: "th and began smoking again.

this time alice waited patientl"

```

----- temperature: 0.2  
th and began smoking again.

this time alice waited patientl----- temperature: 0.5  
th and began smoking again.

this time alice waited patientl----- temperature: 1.0  
th and began smoking again.

this time alice waited patientl----- temperature: 1.2  
th and began smoking again.

this time alice waited patiently.

"well wo ldire the next is!"  
she trea little know  
no done, of aloudded.

"well: wase \_luza\_ it the end to ther they felt spread hone that she had  
preseculare it, and, i gas that  
rememt the  
doropmly does hid not asmon of vandition a faur knin? as i amonding as, his  
dight!" care, here when she she as well  
\_oust\_ i fann!" alice soon, of everalimerdd of proupded on tele, dion . rement,  
ther, they epoch 29  
428/428 [=====] - 52s 122ms/step - loss: 0.9325  
--- Generating with seed: "now."

"and what are they made of?" alice asked in a tone of"  
----- temperature: 0.2  
now."

"and what are they made of?" alice asked in a tone of----- temperature: 0.5  
now."

"and what are they made of?" alice asked in a tone of----- temperature: 1.0  
now."

"and what are they made of?" alice asked in a tone of----- temperature: 1.2  
now."

"and what are they made of?" alice asked in a tone of may sudee at any you've  
cat, draw else walded leapes i  
should, all how ould feel at all of which way he se  
obstopes they vise, so  
even it is woss i near his coutence

mystright projest and deeveraling one of the am, and a knifffore reverail! head

had a detter xisse to wo ldurer in licens,,  
with the mouse we lest tamculily: she growl, it people was for white whet they  
heaps! i dishedy not tepoch 30  
428/428 [=====] - 52s 122ms/step - loss: 0.9227  
--- Generating with seed: " mock turtle a little anxiously.

"yes," said alice, "we lea"  
----- temperature: 0.2  
mock turtle a little anxiously.

"yes," said alice, "we lea----- temperature: 0.5  
mock turtle a little anxiously.

"yes," said alice, "we lea----- temperature: 1.0  
mock turtle a little anxiously.

"yes," said alice, "we lea----- temperature: 1.2  
mock turtle a little anxiously.

"yes," said alice, "we leauge idiele to fifry -quiting thing megn may, get it's  
inppent," turning: "sne't being," said the mouse, the books infoor a pleased  
agreement came voice toldi-going for anrighed anotion cerborth\_-"

"-masingly nonged the chill?"

"but one wish that smill bake i dipfle, you're looked ra. not to table in where  
best  
fe could, for very glad and  
expliefed in and uplobes the  
darchpen in any "well fronsieepoch 31  
428/428 [=====] - 52s 122ms/step - loss: 0.9147  
--- Generating with seed: "nce would take the place of the mock  
turtle's heavy sobs.

l"  
----- temperature: 0.2  
nce would take the place of the mock  
turtle's heavy sobs.

l----- temperature: 0.5  
nce would take the place of the mock  
turtle's heavy sobs.

l----- temperature: 1.0  
nce would take the place of the mock  
turtle's heavy sobs.

l----- temperature: 1.2

nce would take the place of the mock  
turtle's heavy sobs.

law icto boing, lonks schilintles and pleasal of the  
huck ladeccraming pattling madeep as it heard in a  
bramingmeling to feath  
of many an asish  
doesn't my life.

"mb.

"whath- and overow a can't be think.

you fly do a bit io

." as stuming very hee-oon. "why; i hann, too proved it, whisplast gues." the  
people shem-supp: dealion as bat?" and then she sobbycothing, hallding ho, and  
the sure down his soepoch 32

428/428 [=====] - 53s 123ms/step - loss: 0.9106

--- Generating with seed: "dears? i'm

sure \_i\_ shan't be able! i shall be a great deal "

----- temperature: 0.2

dears? i'm

sure \_i\_ shan't be able! i shall be a great deal ----- temperature: 0.5

dears? i'm

sure \_i\_ shan't be able! i shall be a great deal ----- temperature: 1.0

dears? i'm

sure \_i\_ shan't be able! i shall be a great deal ----- temperature: 1.2

dears? i'm

sure \_i\_ shan't be able! i shall be a great deal leapes rillway, "i sait  
understand,"

specaitialing were pood.

"perhapsey," said the cat)

"be indithles, and you'ce wonder promis cgis, asce to the birk it about her even  
this, ghen a little i

seemed quite tha-phan that see she feare! ssilar.

"i couldn't readout!"

she went be

fanien, but no mad usurt"nin

fipe-to stands,

gved "what for: i'm are, you may readand

hurry.'" "

"as by cur neve

almessenepoch 33

428/428 [=====] - 53s 123ms/step - loss: 0.9047

```

--- Generating with seed: "re interrupted, yawning.
'i'm getting tired of this. i vote "
----- temperature: 0.2
re interrupted, yawning.
'i'm getting tired of this. i vote ----- temperature: 0.5
re interrupted, yawning.
'i'm getting tired of this. i vote ----- temperature: 1.0
re interrupted, yawning.
'i'm getting tired of this. i vote ----- temperature: 1.2
re interrupted, yawning.
'i'm getting tired of this. i vote fimaty," sse said, "it'llly. a diguter, "to

```

```

littaintal," the mouse came
louder ject-or their large, child-rapied it kind
without with you using
oscopired uslowient
re.deft
you'r kneaghing very pleeeecs,d; buesticy; "there's no
stmeancy out with elshess:

```

```

"youn any op moug.

```

```

alice
ram, she dirgite, voice,
    they turned without, "-wid-to, i
fall wien theing moste, and that cam it distarmation qait,epoch 34
428/428 [=====] - 53s 123ms/step - loss: 0.9003
--- Generating with seed: "en the procession came opposite to alice, they all
stopped a"
----- temperature: 0.2
en the procession came opposite to alice, they all stopped a----- temperature:
0.5
en the procession came opposite to alice, they all stopped a----- temperature:
1.0
en the procession came opposite to alice, they all stopped a----- temperature:
1.2
en the procession came opposite to alice, they all stopped and doching
little whide fand enpording do_.'l ull sittoney sime ni!" neving alice knew
rudicets it to askow your low, who
dideg it, here waying the catch if she shoolder, and consent-into that so she
could creaturing quice kniffte the hulted in another way too revarksn't comply
no sup, bilawis-"

```

```

"hurriwai_'d to have forgobut noty, must belithing to the dard
when you could be _ i'm agreement, i toepoch 35
428/428 [=====] - 53s 123ms/step - loss: 0.8939
--- Generating with seed: "midly: "but it's no use going back to yesterday,
because i w"

```

----- temperature: 0.2  
 midly: "but it's no use going back to yesterday,  
 because i w----- temperature: 0.5  
 midly: "but it's no use going back to yesterday,  
 because i w----- temperature: 1.0  
 midly: "but it's no use going back to yesterday,  
 because i w----- temperature: 1.2  
 midly: "but it's no use going back to yesterday,  
 because i was like toves and dat agrinden knowais her could neull it suddenly  
 down licke,, the mouge in  
 when they got three mexting," said the dormouse little  
 to ot juster in a ra: any some of my  
 are-not  
 theire as before, "it's be little more of the conclomed.

perhaps fash about usion fry.

i1-notaked\_,  
 at alswine-' " but said "  
 her white drinctered to go live a  
 thermorth would better izgea, egh'memark.  
 epoch 36  
 428/428 [=====] - 53s 123ms/step - loss: 0.8865  
 --- Generating with seed: "on't you?"

"not a bit," said the caterpillar.

"well, perha"  
 ----- temperature: 0.2  
 on't you?"

"not a bit," said the caterpillar.

"well, perha----- temperature: 0.5  
 on't you?"

"not a bit," said the caterpillar.

"well, perha----- temperature: 1.0  
 on't you?"

"not a bit," said the caterpillar.

"well, perha----- temperature: 1.2  
 on't you?"

"not a bit," said the caterpillar.

"well, perhaps think they."

alice had at the dormouse, in the bottles was lausen, she certain.

"i see that's growired down

go splay could get agrill fish even guently little

hat taking

twinkling complets very please." said the king!" said the gryphon.

ther contieuting this feet, too, senter a decided, with the dodouby into

think of thing posaly. handy that it, that\_n't story

imsulia

lice distai\_, you pasepoch 37

428/428 [=====] - 53s 123ms/step - loss: 0.8829

--- Generating with seed: "

"it's a pun!" the king added in an offended tone, and every"

----- temperature: 0.2

"it's a pun!" the king added in an offended tone, and every----- temperature:  
0.5

"it's a pun!" the king added in an offended tone, and every----- temperature:  
1.0

"it's a pun!" the king added in an offended tone, and every----- temperature:  
1.2

"it's a pun!" the king added in an offended tone, and every:d s

pi

keming on his

leare extly; perpoom mabostevit: though seemed my live been by the began a

little stray

going goed under each onear imble, and alice ang laster was, you are ought,

and wen as ever he sea." said sile, and the slee no se', alicepodger him!"

she was clishar that a reglin near the neam, and

they see fold

look of the ratseg off

licke,

here

the gryphot fand of

with the labbich, epoch 38

428/428 [=====] - 53s 123ms/step - loss: 0.8752

--- Generating with seed: "

watch out of its waistcoat-pocket\_, and looked at it, and t"

----- temperature: 0.2

watch out of its waistcoat-pocket\_, and looked at it, and t----- temperature:

0.5

watch out of its waistcoat-pocket\_, and looked at it, and t----- temperature:  
1.0

watch out of its waistcoat-pocket\_, and looked at it, and t----- temperature:  
1.2

watch out of its waistcoat-pocket\_, and looked at it, and this are we hear the  
stuppe, she was quite to her.

"that is a wondered do," said the kinr? "i've dardly-beink  
\_he\_i\_d, perfopsers:

"no make ontied to think of  
think, as you know it soon it i g \*  
g everind this ebooked ; he cond to doy, but sleesing sheppecome  
thought.

jutten without it, and side or pepper so  
fur project guteepoch 39  
428/428 [=====] - 52s 122ms/step - loss: 0.8678  
--- Generating with seed: " fur and whiskers! she'll get me executed, as sure as  
ferret"  
----- temperature: 0.2  
fur and whiskers! she'll get me executed, as sure as ferret----- temperature:  
0.5  
fur and whiskers! she'll get me executed, as sure as ferret----- temperature:  
1.0  
fur and whiskers! she'll get me executed, as sure as ferret----- temperature:  
1.2  
fur and whiskers! she'll get me executed, as sure as ferret,  
nurbei.\_" said the calced to his eatied in lest all  
that it was  
pees!m

"oh! \_you\_ on't play cro"h  
she though she know i had all hock, what does herself as, and play have fan?  
ietle replied runn!"

; work vonce?" then it on the player as he shard so feer of  
she again, then?" said  
eageen, and into to do w  
licked, who adventading down, and one  
romeding incepomed inso.

"fert each was; dell begin.  
epoch 40



428/428 [=====] - 52s 122ms/step - loss: 0.8597

--- Generating with seed: "h confused, "i don't  
think-"

"then you shouldn't talk," sai"

----- temperature: 0.2

h confused, "i don't  
think-"

"then you shouldn't talk," sai----- temperature: 0.5

h confused, "i don't  
think-"

"then you shouldn't talk," sai----- temperature: 1.0

h confused, "i don't  
think-"

"then you shouldn't talk," sai----- temperature: 1.2

h confused, "i don't  
think-"

"then you shouldn't talk," said alice!"

thotexteern, down finishing.

the hare said will beine uping, turnel, and tuckg.

"no, not!" alice, as she ax

it you conlished, "iff -m do wry?" he said in remay

\_ineschivghor itowo dreaufgentew," said the mock turtle said marche does tnot  
their slee if scaupt,

will sthing on anowher headbad round it, !" thenjain such the terms danourl,

turnisle as she was partle i

have very vicase, juepoch 41

428/428 [=====] - 52s 122ms/step - loss: 0.8559

--- Generating with seed: " of a muchness"-did you ever see such a thing as a  
drawing o"

----- temperature: 0.2

of a muchness"-did you ever see such a thing as a  
drawing o----- temperature: 0.5

of a muchness"-did you ever see such a thing as a  
drawing o----- temperature: 1.0

of a muchness"-did you ever see such a thing as a  
drawing o----- temperature: 1.2

of a muchness"-did you ever see such a thing as a  
drawing on usionag back ticking daw smaling croiders. "what very le," the  
cat i'm

histoup, and

lace indeed breased, refinir cat. interrutioulsly drypentures quite a dee? little

thing, do say  
 thing  
 sofe  
 do like he danged hining his greaty a gire, looking at  
 there; but it is sure: bil, you setwen," the mouse, and you've matter nor  
 udsideron of his shoped at their de?" she said,

"get you's remembrance  
 of a tepoch 42  
 428/428 [=====] - 53s 123ms/step - loss: 0.8506  
 --- Generating with seed: "dict afterwards."

"stuff and nonsense!" said alice loudly. "  
 ----- temperature: 0.2  
 dict afterwards."

"stuff and nonsense!" said alice loudly. ----- temperature: 0.5  
 dict afterwards."

"stuff and nonsense!" said alice loudly. ----- temperature: 1.0  
 dict afterwards."

"stuff and nonsense!" said alice loudly. ----- temperature: 1.2  
 dict afterwards."

"stuff and nonsense!" said alice loudly. "when you're!" said the see, "i'm dast:  
 nearo\_s!" of here: live  
 he there was no sure in place with the end of the drupp  
 m-

with reales, were  
 a-out the little,s foot the just gut to her,  
 house, i did ill," said alice. "a llarse of wait, under  
 the carriely reasome  
 up incaused by the sente to gwo was  
 ebook. that be fa\_ts danagity," asied the mouse, and quite did so jus licked it  
 was the hatter, "as epoch 43  
 428/428 [=====] - 52s 123ms/step - loss: 0.8421  
 --- Generating with seed: "hall sit here," the footman remarked, "till  
 tomorrow-"

at t"  
 ----- temperature: 0.2  
 hall sit here," the footman remarked, "till tomorrow-"

at t----- temperature: 0.5  
 hall sit here," the footman remarked, "till tomorrow-"

at t----- temperature: 1.0  
hall sit here," the footman remarked, "till tomorrow-"

at t----- temperature: 1.2  
hall sit here," the footman remarked, "till tomorrow-"

at the hatter; "so i grean,, nu-ning benther agathersall!" andgen, who  
messibely, executing or fite the bary  
like as they gard that no  
dopion, before the execution arcer, "of \_your\_ thing paraidy quick with her  
scat for  
an pospeed an opening, copyr should nearing itself stailly at all must the  
next crausblew  
to even "it executed for ore ofthing.

the was upon his gran if she hat fe very moxenaramepoch 44  
428/428 [=====] - 52s 123ms/step - loss: 0.8383  
--- Generating with seed: "iterary archive foundation, the manager of  
the project guten"  
----- temperature: 0.2  
iterary archive foundation, the manager of  
the project guten----- temperature: 0.5  
iterary archive foundation, the manager of  
the project guten----- temperature: 1.0  
iterary archive foundation, the manager of  
the project guten----- temperature: 1.2  
iterary archive foundation, the manager of  
the project gutenbergm-tm and off goies sup(ned of ong tame?"

"prthuten in the baby\_." her doubly remarked just the burts be  
give anxiously, is think."

"i'm alrays th," creaicaving ass:  
clied her upse, for turn behilished. alice thought the use a simped of this morn  
timibly so: unnoles!  
they're gool to fas as he could state."

"arall to of very glas morm nurnits to say it further slater-using to the queen  
was  
eboepoch 45  
428/428 [=====] - 53s 123ms/step - loss: 0.8338  
--- Generating with seed: "e  
nothing to do.' said the mouse to the cur, 'such "  
----- temperature: 0.2  
e  
nothing to do.' said the mouse to the cur, 'such ----- temperature:  
0.5  
e

nothing to do.' said the mouse to the cur, 'such ----- temperature:  
1.0  
e  
nothing to do.' said the mouse to the cur, 'such ----- temperature:  
1.2  
e  
nothing to do.' said the mouse to the cur, 'such a now," said the  
hantle-will jesting it  
could thing open becausion it: there was seemed from him very did  
affene a me?"

"why, i didn't know," she thought alicie, as he had a long havipuring, sicteress  
leby adly adlwctiontion wering open came a great oull! conserod art. lo'd soun  
beturus be  
frypurion or  
used behind that comy and she's heads are tabers!"  
hanbooting went  
stat shoulyly as sudden  
take,epoch 46  
428/428 [=====] - 53s 124ms/step - loss: 0.8310  
--- Generating with seed: " denial; we must have a trial: for really  
this morni"  
----- temperature: 0.2  
denial; we must have a trial: for really this morni----- temperature:  
0.5  
denial; we must have a trial: for really this morni----- temperature:  
1.0  
denial; we must have a trial: for really this morni----- temperature:  
1.2  
denial; we must have a trial: for really this morning  
iftide," the king sured in saising  
them provad that about it, remaire merse, which me  
be?" said alicie,  
. i one very to stot this more low, out of closh her head  
was to must her a soremebies for him begin. its sofe?" said the rabbit, and then  
in a good, as there, the slook in a more, there was soliout at once  
perused in clearly opened overy: me," said the hatter time,  
'" imsed it unfoll, and takepoch 47  
428/428 [=====] - 53s 123ms/step - loss: 0.8233  
--- Generating with seed: "e singers in the last concert!"  
on which the wretched hatter"  
----- temperature: 0.2  
e singers in the last concert!"  
on which the wretched hatter----- temperature: 0.5  
e singers in the last concert!"  
on which the wretched hatter----- temperature: 1.0  
e singers in the last concert!"  
on which the wretched hatter----- temperature: 1.2

e singers in the last concert!"  
on which the wretched hatter. "a you anm-you masted it," saddedlily) regsomeding  
helding come up into a my  
some, and you're that it entaph why  
"e's you itard," said alice, stuppied it had please, but when she was the  
gryphon three again, and  
name, the offended her hand  
even  
frie, and) "i've tam one," he said so ngined to aumperation oy

i  
was some, exted ookly alonper time in a rore. and whenens, when she hatter my  
lellied, epoch 48  
428/428 [=====] - 53s 123ms/step - loss: 0.8225  
--- Generating with seed: "ay to fly up into a tree.

by the time she had caught the fl"  
----- temperature: 0.2  
ay to fly up into a tree.

by the time she had caught the fl----- temperature: 0.5  
ay to fly up into a tree.

by the time she had caught the fl----- temperature: 1.0  
ay to fly up into a tree.

by the time she had caught the fl----- temperature: 1.2  
ay to fly up into a tree.

by the time she had caught the flare, inlesside archeldion on associl at  
suppress for peek a sort coming to-open,  
so the confus of suria;  
elven upfotite concllost a sight  
car no py fick it.

a like their fine or  
speca, the patuing of reeveve the ottecering with a texneccless cook the cut"in  
passed;

"the wa -one that she went like leass  
when a leave the eprapty, "but i've said with used the see, and the very drup  
sam extectly, sheepoch 49

428/428 [=====] - 52s 122ms/step - loss: 0.8123  
--- Generating with seed: " she could not even get her head  
through the doorway; "and e"

----- temperature: 0.2  
she could not even get her head  
through the doorway; "and e----- temperature: 0.5  
she could not even get her head

through the doorway; "and e----- temperature: 1.0  
she could not even get her head  
through the doorway; "and e----- temperature: 1.2  
she could not even get her head  
through the doorway; "and even -what wen's have hal the on as an air-her for at  
i'm hard made you, who  
guined a least of come, but ow myself.

"of cenfuss at was gruat ont as it,"

she verys ard cam a mouseba  
sood requir a, (ed\_," she said to  
tame looked  
as she couly (-bet\_," the roobss \_itwo fand at and scaked  
the  
unobing manyall-

"do i tone!" atiox, re replied: we croquet down, going and: you're nurtied  
locked.

thut

theepoch 50

428/428 [=====] - 52s 123ms/step - loss: 0.8111

--- Generating with seed: "f a  
sea of green leaves that lay far below her.

"what \_can\_"

----- temperature: 0.2

f a

sea of green leaves that lay far below her.

"what \_can\_----- temperature: 0.5

f a

sea of green leaves that lay far below her.

"what \_can\_----- temperature: 1.0

f a

sea of green leaves that lay far below her.

"what \_can\_----- temperature: 1.2

f a

sea of green leaves that lay far below her.

"what \_can\_ seet on," said the dormouse blayt to amoshed about she saidt, with  
asterplied harse in the king refore-cimemankings, and said to the sever-trizedd.

wentone no finiol, is thild by wastiny on mack. "you're inteniting, mediave,"  
said the king s.e  
stail.

"why, and a look hon again!" quite as she solps you 1. \_furrimy know he thot  
will be varie and ageet. to meker waid that it sideen, hccoonto, butepoch 51  
428/428 [=====] - 53s 123ms/step - loss: 0.8104

--- Generating with seed: "n ebook, except by following  
the terms of the trademark lice"

----- temperature: 0.2

n ebook, except by following

the terms of the trademark lice----- temperature: 0.5

n ebook, except by following

the terms of the trademark lice----- temperature: 1.0

n ebook, except by following

the terms of the trademark lice----- temperature: 1.2

n ebook, except by following

the terms of the trademark licens, for reclielvel.

"do vergicaured when befolines two washing you may cathly agree enough fas she  
could goinver

conk over hands

alice, as she thought was while she seemed was now is this afen ?" "

sou!-

"hmeve you bee

if the yet have a copyring that it out out ninbed

that sudden

;

same very sleez"

"whate , i haven't gllave a voich of she

lattee, feeling good raqds with the

agaia:\_he more epoch 52

428/428 [=====] - 53s 123ms/step - loss: 0.8030

--- Generating with seed: "s a cheshire cat," said the duchess, "and that's why.  
pig!"

"

----- temperature: 0.2

s a cheshire cat," said the duchess, "and that's why. pig!"

----- temperature: 0.5

s a cheshire cat," said the duchess, "and that's why. pig!"

----- temperature: 1.0

s a cheshire cat," said the duchess, "and that's why. pig!"

----- temperature: 1.2

s a cheshire cat," said the duchess, "and that's why. pig!"

, incthing feet high to yetsain; and turning at she sol!"

the party think in hearing her or angraththing  
has fann't hardbontle-will y  
lass do, they persoom for a caurter, "i wish i dare i been to get  
lain head!" the \_then when i nest law inglan usion thril with that sceuly; this  
ebot that is it was that sum as that peppout it  
grinch, which was move or, i divery\_ yetdign?"

"i'd carrse," cried.

epoch 53

428/428 [=====] - 52s 122ms/step - loss: 0.7966

--- Generating with seed: "

now? that'll be a comfort, one way-never to be an old woman"

----- temperature: 0.2

now? that'll be a comfort, one way-never to be an old woman----- temperature:  
0.5

now? that'll be a comfort, one way-never to be an old woman----- temperature:  
1.0

now? that'll be a comfort, one way-never to be an old woman----- temperature:  
1.2

now? that'll be a comfort, one way-never to be an old woman; and pextled out,  
three fann," thein alice?"

"well, i haven't so that is forjoftayt!" the locuting oughtent works .no, tunn  
caught of tertled upont it, what was lying wryplived that there began copyreg.  
nest rawsed: "con, i  
sofition

who

doubé is times very when that moll iss, altave quite for for it, and \_moqeli\_k,  
it you hare mineze on itself out of these

was down, himsowgene: all realaller tepoch 54

428/428 [=====] - 53s 123ms/step - loss: 0.8007

--- Generating with seed: "very good advice, (though she very seldom followed  
it),

and "

----- temperature: 0.2

very good advice, (though she very seldom followed it),

and ----- temperature: 0.5

very good advice, (though she very seldom followed it),

and ----- temperature: 1.0

very good advice, (though she very seldom followed it),

and ----- temperature: 1.2

very good advice, (though she very seldom followed it),

and weakallly bench turtlen partuction or cose thancus coing, and went like a



strre of the trial her i-no more be leaves. "i  
f unidand knew up into sive i pleason, crawh after like a  
phape, of inded sthing  
off!"

"very much crangut.  
this hole specevening from her of the table before the moment merchous vitain  
that proose with the moment, that she had rebord just get anything in itsset of  
along. "how epoch 55  
428/428 [=====] - 52s 122ms/step - loss: 0.7914  
--- Generating with seed: "twelve, and four times six is thirteen,  
and four times seven"  
----- temperature: 0.2  
twelve, and four times six is thirteen,  
and four times seven----- temperature: 0.5  
twelve, and four times six is thirteen,  
and four times seven----- temperature: 1.0  
twelve, and four times six is thirteen,  
and four times seven----- temperature: 1.2  
twelve, and four times six is thirteen,  
and four times sevenubed sistercsverippent mrefure olond,

"that they's e-ngut shant goo iudzer pissond," said alicie, quace asleps.en for  
skirt to way buse of to  
say a good a little  
pustilive for project gutenbergr taress their sort to the bringly griat; founay  
kne ratter,  
it's no termed.

"the end saidk ismpent done, if i eat  
and to th all edit. 'he we very, i ming to handly romant found reall  
of graw ever: she grownepoch 56  
428/428 [=====] - 52s 122ms/step - loss: 0.7847  
--- Generating with seed: ", the manager of  
the project gutenbergr-tm trademark. contact"  
----- temperature: 0.2  
, the manager of  
the project gutenbergr-tm trademark. contact----- temperature: 0.5  
, the manager of  
the project gutenbergr-tm trademark. contact----- temperature: 1.0  
, the manager of  
the project gutenbergr-tm trademark. contact----- temperature: 1.2  
, the manager of  
the project gutenbergr-tm trademark. contactuling

"htareled, so that using, m.

the there was side of thing.

the others

flied in his slightly out from warringing miling up after you, with you have  
ching  
(thouse; for it magh.

"well, as i canned!" (she as a longe, for you ais. this you'k juet say it is,"  
said alice, as she had for hootsed.

"drick the had

ded \_very\_ girsanow -\_yo\_smemy i

muganking," some quitiominly. "i don't agret largeepoch 57

428/428 [=====] - 52s 122ms/step - loss: 0.7831

--- Generating with seed: " i should like to show you! a little bright-eyed  
terrier, yo"

----- temperature: 0.2

i should like to show you! a little bright-eyed terrier, yo----- temperature:  
0.5

i should like to show you! a little bright-eyed terrier, yo----- temperature:  
1.0

i should like to show you! a little bright-eyed terrier, yo----- temperature:  
1.2

i should like to show you! a little bright-eyed terrier, you seen how that gave  
the mary kne-pider

slece coulds," said alice, remair it \_and outfont of honed bettermom and skey,"  
said the cat

a opentoligated at a little keepppens.

"now'll you little'd do! we cunning belo\_k,jers. explate usider choquet  
here,ld.

ever never her hangs, so she

wes going mame her sky, reat, and ranned about in any licketter of ince  
remaining ever!"

"oh," alice mouse, she

geepoch 58

428/428 [=====] - 53s 123ms/step - loss: 0.7821

--- Generating with seed: "ite as safe to stay with it  
as to go after that savage queen"

----- temperature: 0.2

ite as safe to stay with it

as to go after that savage queen----- temperature: 0.5

ite as safe to stay with it

as to go after that savage queen----- temperature: 1.0

ite as safe to stay with it  
as to go after that savage queen----- temperature: 1.2  
ite as safe to stay with it  
as to go after that savage queen; so  
his  
fashee's his  
for adstall.

\* you know, caw love walk  
with all of mile  
pleased by the watce of a quieble sxrien to draw his for  
agried anything con\_, that it's pleased ether eng as shelf licked or insidely  
can! y!" the pattercupions to say. i to get invatialar \_ithyigut?"

"my getted way,"

"thand was quite a swhol: flowy in parings as when he had been austort  
to crypeting burned inchescleepoch 59  
428/428 [=====] - 53s 123ms/step - loss: 0.7698  
--- Generating with seed: "ive on?" said alice, who always took a great interest  
in que"  
----- temperature: 0.2  
ive on?" said alice, who always took a great interest  
in que----- temperature: 0.5  
ive on?" said alice, who always took a great interest  
in que----- temperature: 1.0  
ive on?" said alice, who always took a great interest  
in que----- temperature: 1.2  
ive on?" said alice, who always took a great interest  
in quetter of this was fept at all drawling, and pamis to the wood, patious do!"  
cludienticialried said again, and we let for all offome, and alice, the gryphor  
do woots like the morck, much, as they very lore, but to right adding alice  
little tancter; so

"that's the '" said alice to copy in  
lie"iccepy!"

and he tensed 1.ewer that a1; bus ass's  
not at me ase-and she could  
nening was deal hool, what las

[ ]: