

```

1 C:\Users\Radin\Anaconda3\python.exe "C:\Program Files\JetBrains
  \PyCharm 2018.1.1\helpers\pydev\pydev_run_in_console.py" 65243
  65244 C:/Users/Radin/Desktop/code/charPoem.py
2 Running C:/Users/Radin/Desktop/code/charPoem.py
3
4 import sys; print('Python %s on %s' % (sys.version, sys.
  platform))
5 sys.path.extend(['C:\\Users\\Radin\\Desktop\\code', 'C:/Users/
  Radin/Desktop/code'])
6
7 Python 3.6.3 |Anaconda custom (64-bit)| (default, Oct 15 2017,
  03:27:45) [MSC v.1900 64 bit (AMD64)]
8 Type 'copyright', 'credits' or 'license' for more information
9 IPython 6.1.0 -- An enhanced Interactive Python. Type '?' for
  help.
10 C:\Program Files\JetBrains\PyCharm 2018.1.1\helpers\pydev\
  _pydev_bundle\pydev_import_hook.py:19: FutureWarning:
  Conversion of the second argument of issubdtype from `float` to
  `np.floating` is deprecated. In future, it will be treated as
  `np.float64 == np.dtype(float).type`.
11     module = self._system_import(name, *args, **kwargs)
12 Using TensorFlow backend.
13 corpus length: 462895
14 total chars: 16494
15 nb sequences: 5493
16 Vectorization...
17 Build model...
18 Epoch 1/15
19 2018-08-01 10:51:33.076680: I T:\src\github\tensorflow\
  tensorflow\core\platform\cpu_feature_guard.cc:140] Your CPU
  supports instructions that this TensorFlow binary was not
  compiled to use: AVX2
20 2018-08-01 10:51:33.315551: I T:\src\github\tensorflow\
  tensorflow\core\common_runtime\gpu\gpu_device.cc:1356] Found
  device 0 with properties:
21 name: GeForce GTX 1060 major: 6 minor: 1 memoryClockRate(GHz):
  1.6705
22 pciBusID: 0000:01:00.0
23 totalMemory: 6.00GiB freeMemory: 4.97GiB
24 2018-08-01 10:51:33.315898: I T:\src\github\tensorflow\
  tensorflow\core\common_runtime\gpu\gpu_device.cc:1435] Adding
  visible gpu devices: 0
25 2018-08-01 10:51:33.969329: I T:\src\github\tensorflow\
  tensorflow\core\common_runtime\gpu\gpu_device.cc:923] Device
  interconnect StreamExecutor with strength 1 edge matrix:
26 2018-08-01 10:51:33.969504: I T:\src\github\tensorflow\
  tensorflow\core\common_runtime\gpu\gpu_device.cc:929]          0
27 2018-08-01 10:51:33.969614: I T:\src\github\tensorflow\
  tensorflow\core\common_runtime\gpu\gpu_device.cc:942] 0:      N

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```
28 2018-08-01 10:51:33.969833: I T:\src\github\tensorflow\
    tensorflow\core\common_runtime\gpu\gpu_device.cc:1053] Created
    TensorFlow device (/job:localhost/replica:0/task:0/device:GPU:0
    with 4740 MB memory) -> physical GPU (device: 0, name: GeForce
    GTX 1060, pci bus id: 0000:01:00.0, compute capability: 6.1)
29
30 32/5493 [.....] - ETA: 6:24 - loss:
    9.7108
31 64/5493 [.....] - ETA: 3:20 - loss:
    9.7110
32 96/5493 [.....] - ETA: 2:20 - loss:
    9.7692
33 128/5493 [.....] - ETA: 1:49 - loss:
    9.8150
34 160/5493 [.....] - ETA: 1:31 - loss:
    9.7940
35 192/5493 [>.....] - ETA: 1:18 - loss:
    9.7799
36 224/5493 [>.....] - ETA: 1:09 - loss:
    9.7714
37 256/5493 [>.....] - ETA: 1:03 - loss:
    9.7643
38 288/5493 [>.....] - ETA: 58s - loss: 9
    .7584
39 320/5493 [>.....] - ETA: 54s - loss: 9
    .7537
40 352/5493 [>.....] - ETA: 50s - loss: 9
    .7505
41 384/5493 [=>.....] - ETA: 47s - loss: 9
    .7478
42 416/5493 [=>.....] - ETA: 45s - loss: 9
    .7453
43 448/5493 [=>.....] - ETA: 43s - loss: 9
    .7429
44 480/5493 [=>.....] - ETA: 41s - loss: 9
    .7410
45 512/5493 [=>.....] - ETA: 39s - loss: 9
    .7392
46 544/5493 [=>.....] - ETA: 38s - loss: 9
    .7380
47 576/5493 [==>.....] - ETA: 36s - loss: 9
    .7370
48 608/5493 [==>.....] - ETA: 35s - loss: 9
    .7359
49 640/5493 [==>.....] - ETA: 34s - loss: 9
    .7349
50 672/5493 [==>.....] - ETA: 33s - loss: 9
    .7346
51 704/5493 [==>.....] - ETA: 32s - loss: 9
```

```
51 .7337
52 736/5493 [===>.....] - ETA: 31s - loss: 9
   .7330
53 768/5493 [===>.....] - ETA: 30s - loss: 9
   .7327
54 800/5493 [===>.....] - ETA: 30s - loss: 9
   .7322
55 832/5493 [===>.....] - ETA: 29s - loss: 9
   .7313
56 864/5493 [===>.....] - ETA: 28s - loss: 9
   .7311
57 896/5493 [===>.....] - ETA: 28s - loss: 9
   .7304
58 928/5493 [====>.....] - ETA: 27s - loss: 9
   .7298
59 960/5493 [====>.....] - ETA: 27s - loss: 9
   .7297
60 992/5493 [====>.....] - ETA: 26s - loss: 9
   .7309
61 1024/5493 [====>.....] - ETA: 26s - loss: 9
   .7309
62 1056/5493 [====>.....] - ETA: 25s - loss: 9
   .7327
63 1088/5493 [====>.....] - ETA: 25s - loss: 9
   .7326
64 1120/5493 [====>.....] - ETA: 24s - loss: 9
   .7318
65 1152/5493 [====>.....] - ETA: 24s - loss: 9
   .7329
66 1184/5493 [====>.....] - ETA: 23s - loss: 9
   .7325
67 1216/5493 [====>.....] - ETA: 23s - loss: 9
   .7320
68 1248/5493 [====>.....] - ETA: 23s - loss: 9
   .7314
69 1280/5493 [====>.....] - ETA: 22s - loss: 9
   .7313
70 1312/5493 [====>.....] - ETA: 22s - loss: 9
   .7315
71 1344/5493 [====>.....] - ETA: 22s - loss: 9
   .7317
72 1376/5493 [====>.....] - ETA: 21s - loss: 9
   .7317
73 1408/5493 [====>.....] - ETA: 21s - loss: 9
   .7317
74 1440/5493 [====>.....] - ETA: 21s - loss: 9
   .7318
75 1472/5493 [====>.....] - ETA: 20s - loss: 9
   .7320
```

| | | | |
|-----|-----------|---------------|--------------------|
| 76 | 1504/5493 | [=====>.....] | - ETA: 20s - loss: |
| | 9.7321 | | |
| 77 | 1536/5493 | [=====>.....] | - ETA: 20s - loss: |
| | 9.7319 | | |
| 78 | 1568/5493 | [=====>.....] | - ETA: 20s - loss: |
| | 9.7315 | | |
| 79 | 1600/5493 | [=====>.....] | - ETA: 19s - loss: |
| | 9.7328 | | |
| 80 | 1632/5493 | [=====>.....] | - ETA: 19s - loss: |
| | 9.7369 | | |
| 81 | 1664/5493 | [=====>.....] | - ETA: 19s - loss: |
| | 9.7381 | | |
| 82 | 1696/5493 | [=====>.....] | - ETA: 19s - loss: |
| | 9.7379 | | |
| 83 | 1728/5493 | [=====>.....] | - ETA: 18s - loss: |
| | 9.7369 | | |
| 84 | 1760/5493 | [=====>.....] | - ETA: 18s - loss: |
| | 9.7367 | | |
| 85 | 1792/5493 | [=====>.....] | - ETA: 18s - loss: |
| | 9.7365 | | |
| 86 | 1824/5493 | [=====>.....] | - ETA: 18s - loss: |
| | 9.7373 | | |
| 87 | 1856/5493 | [=====>.....] | - ETA: 17s - loss: |
| | 9.7372 | | |
| 88 | 1888/5493 | [=====>.....] | - ETA: 17s - loss: |
| | 9.7363 | | |
| 89 | 1920/5493 | [=====>.....] | - ETA: 17s - loss: |
| | 9.7364 | | |
| 90 | 1952/5493 | [=====>.....] | - ETA: 17s - loss: |
| | 9.7374 | | |
| 91 | 1984/5493 | [=====>.....] | - ETA: 16s - loss: |
| | 9.7382 | | |
| 92 | 2016/5493 | [=====>.....] | - ETA: 16s - loss: |
| | 9.7386 | | |
| 93 | 2048/5493 | [=====>.....] | - ETA: 16s - loss: |
| | 9.7382 | | |
| 94 | 2080/5493 | [=====>.....] | - ETA: 16s - loss: |
| | 9.7385 | | |
| 95 | 2112/5493 | [=====>.....] | - ETA: 16s - loss: |
| | 9.7380 | | |
| 96 | 2144/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 9.7374 | | |
| 97 | 2176/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 9.7394 | | |
| 98 | 2208/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 9.7396 | | |
| 99 | 2240/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 9.7395 | | |
| 100 | 2272/5493 | [=====>.....] | - ETA: 15s - loss: |

```
100 9.7408
101 2304/5493 [=====>.....] - ETA: 14s - loss:
    9.7413
102 2336/5493 [=====>.....] - ETA: 14s - loss:
    9.7412
103 2368/5493 [=====>.....] - ETA: 14s - loss:
    9.7412
104 2400/5493 [=====>.....] - ETA: 14s - loss:
    9.7413
105 2432/5493 [=====>.....] - ETA: 14s - loss:
    9.7412
106 2464/5493 [=====>.....] - ETA: 14s - loss:
    9.7411
107 2496/5493 [=====>.....] - ETA: 13s - loss:
    9.7415
108 2528/5493 [=====>.....] - ETA: 13s - loss:
    9.7419
109 2560/5493 [=====>.....] - ETA: 13s - loss:
    9.7417
110 2592/5493 [=====>.....] - ETA: 13s - loss:
    9.7423
111 2624/5493 [=====>.....] - ETA: 13s - loss:
    9.7428
112 2656/5493 [=====>.....] - ETA: 12s - loss:
    9.7429
113 2688/5493 [=====>.....] - ETA: 12s - loss:
    9.7435
114 2720/5493 [=====>.....] - ETA: 12s - loss:
    9.7440
115 2752/5493 [=====>.....] - ETA: 12s - loss:
    9.7444
116 2784/5493 [=====>.....] - ETA: 12s - loss:
    9.7448
117 2816/5493 [=====>.....] - ETA: 12s - loss:
    9.7455
118 2848/5493 [=====>.....] - ETA: 11s - loss:
    9.7459
119 2880/5493 [=====>.....] - ETA: 11s - loss:
    9.7466
120 2912/5493 [=====>.....] - ETA: 11s - loss:
    9.7471
121 2944/5493 [=====>.....] - ETA: 11s - loss:
    9.7474
122 2976/5493 [=====>.....] - ETA: 11s - loss:
    9.7478
123 3008/5493 [=====>.....] - ETA: 11s - loss:
    9.7486
124 3040/5493 [=====>.....] - ETA: 10s - loss:
    9.7491
```

| | | | | |
|-----|-----------|---------------|--------------------|--------|
| 125 | 3072/5493 | [=====>.....] | - ETA: 10s - loss: | 9.7493 |
| 126 | 3104/5493 | [=====>.....] | - ETA: 10s - loss: | 9.7497 |
| 127 | 3136/5493 | [=====>.....] | - ETA: 10s - loss: | 9.7505 |
| 128 | 3168/5493 | [=====>.....] | - ETA: 10s - loss: | 9.7512 |
| 129 | 3200/5493 | [=====>.....] | - ETA: 10s - loss: | 9.7517 |
| 130 | 3232/5493 | [=====>.....] | - ETA: 9s - loss: | 9.7521 |
| 131 | 3264/5493 | [=====>.....] | - ETA: 9s - loss: | 9.7529 |
| 132 | 3296/5493 | [=====>.....] | - ETA: 9s - loss: | 9.7540 |
| 133 | 3328/5493 | [=====>.....] | - ETA: 9s - loss: | 9.7545 |
| 134 | 3360/5493 | [=====>.....] | - ETA: 9s - loss: | 9.7560 |
| 135 | 3392/5493 | [=====>.....] | - ETA: 9s - loss: | 9.7567 |
| 136 | 3424/5493 | [=====>.....] | - ETA: 9s - loss: | 9.7568 |
| 137 | 3456/5493 | [=====>.....] | - ETA: 8s - loss: | 9.7574 |
| 138 | 3488/5493 | [=====>.....] | - ETA: 8s - loss: | 9.7581 |
| 139 | 3520/5493 | [=====>.....] | - ETA: 8s - loss: | 9.7589 |
| 140 | 3552/5493 | [=====>.....] | - ETA: 8s - loss: | 9.7596 |
| 141 | 3584/5493 | [=====>.....] | - ETA: 8s - loss: | 9.7597 |
| 142 | 3616/5493 | [=====>.....] | - ETA: 8s - loss: | 9.7598 |
| 143 | 3648/5493 | [=====>.....] | - ETA: 8s - loss: | 9.7604 |
| 144 | 3680/5493 | [=====>.....] | - ETA: 7s - loss: | 9.7609 |
| 145 | 3712/5493 | [=====>.....] | - ETA: 7s - loss: | 9.7613 |
| 146 | 3744/5493 | [=====>.....] | - ETA: 7s - loss: | 9.7626 |
| 147 | 3776/5493 | [=====>.....] | - ETA: 7s - loss: | 9.7633 |
| 148 | 3808/5493 | [=====>.....] | - ETA: 7s - loss: | 9.7644 |
| 149 | 3840/5493 | [=====>.....] | - ETA: 7s - loss: | 9.7644 |

```
149 .7648
150 3872/5493 [=====>.....] - ETA: 6s - loss: 9
    .7652
151 3904/5493 [=====>.....] - ETA: 6s - loss: 9
    .7657
152 3936/5493 [=====>.....] - ETA: 6s - loss: 9
    .7664
153 3968/5493 [=====>.....] - ETA: 6s - loss: 9
    .7671
154 4000/5493 [=====>.....] - ETA: 6s - loss: 9
    .7677
155 4032/5493 [=====>.....] - ETA: 6s - loss: 9
    .7681
156 4064/5493 [=====>.....] - ETA: 6s - loss: 9
    .7685
157 4096/5493 [=====>.....] - ETA: 5s - loss: 9
    .7691
158 4128/5493 [=====>.....] - ETA: 5s - loss: 9
    .7698
159 4160/5493 [=====>.....] - ETA: 5s - loss: 9
    .7707
160 4192/5493 [=====>.....] - ETA: 5s - loss: 9
    .7712
161 4224/5493 [=====>.....] - ETA: 5s - loss: 9
    .7720
162 4256/5493 [=====>.....] - ETA: 5s - loss: 9
    .7725
163 4288/5493 [=====>.....] - ETA: 5s - loss: 9
    .7732
164 4320/5493 [=====>.....] - ETA: 4s - loss: 9
    .7738
165 4352/5493 [=====>.....] - ETA: 4s - loss: 9
    .7749
166 4384/5493 [=====>.....] - ETA: 4s - loss: 9
    .7756
167 4416/5493 [=====>.....] - ETA: 4s - loss: 9
    .7761
168 4448/5493 [=====>.....] - ETA: 4s - loss: 9
    .7768
169 4480/5493 [=====>.....] - ETA: 4s - loss: 9
    .7773
170 4512/5493 [=====>.....] - ETA: 4s - loss: 9
    .7788
171 4544/5493 [=====>.....] - ETA: 4s - loss: 9
    .7797
172 4576/5493 [=====>.....] - ETA: 3s - loss: 9
    .7802
173 4608/5493 [=====>.....] - ETA: 3s - loss: 9
    .7808
```

| | | | |
|-----|-----------|---------------|---------------------|
| 174 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .7815 | | |
| 175 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .7825 | | |
| 176 | 4704/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .7834 | | |
| 177 | 4736/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .7842 | | |
| 178 | 4768/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .7848 | | |
| 179 | 4800/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .7855 | | |
| 180 | 4832/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .7863 | | |
| 181 | 4864/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .7873 | | |
| 182 | 4896/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .7882 | | |
| 183 | 4928/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .7892 | | |
| 184 | 4960/5493 | [=====>....] | - ETA: 2s - loss: 9 |
| | .7899 | | |
| 185 | 4992/5493 | [=====>....] | - ETA: 2s - loss: 9 |
| | .7908 | | |
| 186 | 5024/5493 | [=====>...] | - ETA: 1s - loss: 9 |
| | .7916 | | |
| 187 | 5056/5493 | [=====>...] | - ETA: 1s - loss: 9 |
| | .7922 | | |
| 188 | 5088/5493 | [=====>...] | - ETA: 1s - loss: 9 |
| | .7929 | | |
| 189 | 5120/5493 | [=====>...] | - ETA: 1s - loss: 9 |
| | .7935 | | |
| 190 | 5152/5493 | [=====>..] | - ETA: 1s - loss: 9 |
| | .7943 | | |
| 191 | 5184/5493 | [=====>..] | - ETA: 1s - loss: 9 |
| | .7951 | | |
| 192 | 5216/5493 | [=====>..] | - ETA: 1s - loss: 9 |
| | .7957 | | |
| 193 | 5248/5493 | [=====>..] | - ETA: 1s - loss: 9 |
| | .7966 | | |
| 194 | 5280/5493 | [=====>..] | - ETA: 0s - loss: 9 |
| | .7976 | | |
| 195 | 5312/5493 | [=====>.] | - ETA: 0s - loss: 9 |
| | .7983 | | |
| 196 | 5344/5493 | [=====>.] | - ETA: 0s - loss: 9 |
| | .7991 | | |
| 197 | 5376/5493 | [=====>.] | - ETA: 0s - loss: 9 |
| | .7998 | | |
| 198 | 5408/5493 | [=====>.] | - ETA: 0s - loss: 9 |


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198 .8003
199 5440/5493 [=====>.] - ETA: 0s - loss: 9
    .8015
200 5472/5493 [=====>.] - ETA: 0s - loss: 9
    .8024
201 5493/5493 [=====] - 23s 4ms/step -
    loss: 9.8026
202
203 ----- Generating text after Epoch: 0
204 ----- diversity: 0.2
205 ----- Generating with seed: "افشانند" "همی"
206 همیباک افشانند
207 بداندرشمرد
208 نگردهمببر نگردهماوی زاوی چنانبرآریدبدین ببیندبجای چواوی
    چوخون دگرپاک
209 ----- diversity: 0.5
210 ----- Generating with seed: "افشانند" "همی"
211 چودریایآزرمجوی سرانبدین همیافگننبراند افشانند
212 بفرمودبمانیبماند
213 همافراسیاب
214 ازینآب بباشیمبرآریدآرت
215 پس
216 ----- diversity: 1.0
217 ----- Generating with seed: "افشانند"
218
219 "ز"
220 افشانند
221
222 زبشت
223 زبانباژجوی
224 بدانستآب
225 نبدرآمیختند
226 بهبجنگ بدینآیدش
227 دو کهبجست همببرنهاده بکننداندروزند بفرمودبام
228 ----- diversity: 1.2
229 ----- Generating with seed: "افشانند"
230 "به"
231 افشانند
232 بدانآراسته بهباوردبرگزید
233 پسآراسته بدریاآفاقاردشیر دمانبرفگننشانآمدی
234 برفتندانجمن دبیرانبار
235 جوانیش
236 Epoch 2/15
237
238 32/5493 [.....] - ETA: 20s - loss:
    9.6602
239 64/5493 [.....] - ETA: 20s - loss:
    9.4704
240 96/5493 [.....] - ETA: 20s - loss:

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```
240 9.4245
241 128/5493 [.....] - ETA: 20s - loss:
    9.3889
242 160/5493 [.....] - ETA: 19s - loss:
    9.3721
243 192/5493 [>.....] - ETA: 19s - loss:
    9.3530
244 224/5493 [>.....] - ETA: 19s - loss:
    9.3392
245 256/5493 [>.....] - ETA: 19s - loss:
    9.3324
246 288/5493 [>.....] - ETA: 19s - loss:
    9.3174
247 320/5493 [>.....] - ETA: 19s - loss:
    9.3133
248 352/5493 [>.....] - ETA: 19s - loss:
    9.3107
249 384/5493 [=>.....] - ETA: 19s - loss:
    9.3094
250 416/5493 [=>.....] - ETA: 18s - loss:
    9.3009
251 448/5493 [=>.....] - ETA: 18s - loss:
    9.2866
252 480/5493 [=>.....] - ETA: 18s - loss:
    9.2922
253 512/5493 [=>.....] - ETA: 18s - loss:
    9.2936
254 544/5493 [=>.....] - ETA: 18s - loss:
    9.2946
255 576/5493 [==>.....] - ETA: 18s - loss:
    9.2957
256 608/5493 [==>.....] - ETA: 18s - loss:
    9.2914
257 640/5493 [==>.....] - ETA: 17s - loss:
    9.2866
258 672/5493 [==>.....] - ETA: 17s - loss:
    9.2851
259 704/5493 [==>.....] - ETA: 17s - loss:
    9.2823
260 736/5493 [===>.....] - ETA: 17s - loss:
    9.2815
261 768/5493 [===>.....] - ETA: 17s - loss:
    9.2829
262 800/5493 [===>.....] - ETA: 17s - loss:
    9.3093
263 832/5493 [===>.....] - ETA: 17s - loss:
    9.3093
264 864/5493 [===>.....] - ETA: 17s - loss:
    9.3087
```

| | | | |
|-----|-----------|--------------|--------------------|
| 265 | 896/5493 | [===>.....] | - ETA: 16s - loss: |
| | 9.3099 | | |
| 266 | 928/5493 | [====>.....] | - ETA: 16s - loss: |
| | 9.3150 | | |
| 267 | 960/5493 | [====>.....] | - ETA: 16s - loss: |
| | 9.3151 | | |
| 268 | 992/5493 | [====>.....] | - ETA: 16s - loss: |
| | 9.3148 | | |
| 269 | 1024/5493 | [====>.....] | - ETA: 16s - loss: |
| | 9.3296 | | |
| 270 | 1056/5493 | [====>.....] | - ETA: 16s - loss: |
| | 9.3323 | | |
| 271 | 1088/5493 | [====>.....] | - ETA: 16s - loss: |
| | 9.3337 | | |
| 272 | 1120/5493 | [====>.....] | - ETA: 16s - loss: |
| | 9.3327 | | |
| 273 | 1152/5493 | [====>.....] | - ETA: 16s - loss: |
| | 9.3332 | | |
| 274 | 1184/5493 | [====>.....] | - ETA: 15s - loss: |
| | 9.3334 | | |
| 275 | 1216/5493 | [====>.....] | - ETA: 15s - loss: |
| | 9.3377 | | |
| 276 | 1248/5493 | [====>.....] | - ETA: 15s - loss: |
| | 9.3359 | | |
| 277 | 1280/5493 | [====>.....] | - ETA: 15s - loss: |
| | 9.3333 | | |
| 278 | 1312/5493 | [====>.....] | - ETA: 15s - loss: |
| | 9.3302 | | |
| 279 | 1344/5493 | [====>.....] | - ETA: 15s - loss: |
| | 9.3313 | | |
| 280 | 1376/5493 | [====>.....] | - ETA: 15s - loss: |
| | 9.3326 | | |
| 281 | 1408/5493 | [====>.....] | - ETA: 15s - loss: |
| | 9.3356 | | |
| 282 | 1440/5493 | [====>.....] | - ETA: 15s - loss: |
| | 9.3381 | | |
| 283 | 1472/5493 | [====>.....] | - ETA: 14s - loss: |
| | 9.3374 | | |
| 284 | 1504/5493 | [====>.....] | - ETA: 14s - loss: |
| | 9.3370 | | |
| 285 | 1536/5493 | [====>.....] | - ETA: 14s - loss: |
| | 9.3346 | | |
| 286 | 1568/5493 | [====>.....] | - ETA: 14s - loss: |
| | 9.3331 | | |
| 287 | 1600/5493 | [====>.....] | - ETA: 14s - loss: |
| | 9.3460 | | |
| 288 | 1632/5493 | [====>.....] | - ETA: 14s - loss: |
| | 9.3493 | | |
| 289 | 1664/5493 | [====>.....] | - ETA: 14s - loss: |

```
289 9.3518
290 1696/5493 [=====>.....] - ETA: 14s - loss:
    9.3548
291 1728/5493 [=====>.....] - ETA: 14s - loss:
    9.3521
292 1760/5493 [=====>.....] - ETA: 14s - loss:
    9.3541
293 1792/5493 [=====>.....] - ETA: 14s - loss:
    9.3540
294 1824/5493 [=====>.....] - ETA: 14s - loss:
    9.3614
295 1856/5493 [=====>.....] - ETA: 13s - loss:
    9.3620
296 1888/5493 [=====>.....] - ETA: 13s - loss:
    9.3643
297 1920/5493 [=====>.....] - ETA: 13s - loss:
    9.3661
298 1952/5493 [=====>.....] - ETA: 13s - loss:
    9.3675
299 1984/5493 [=====>.....] - ETA: 13s - loss:
    9.3698
300 2016/5493 [=====>.....] - ETA: 13s - loss:
    9.3719
301 2048/5493 [=====>.....] - ETA: 13s - loss:
    9.3730
302 2080/5493 [=====>.....] - ETA: 13s - loss:
    9.3741
303 2112/5493 [=====>.....] - ETA: 12s - loss:
    9.3740
304 2144/5493 [=====>.....] - ETA: 12s - loss:
    9.3712
305 2176/5493 [=====>.....] - ETA: 12s - loss:
    9.3716
306 2208/5493 [=====>.....] - ETA: 12s - loss:
    9.3770
307 2240/5493 [=====>.....] - ETA: 12s - loss:
    9.3832
308 2272/5493 [=====>.....] - ETA: 12s - loss:
    9.3854
309 2304/5493 [=====>.....] - ETA: 12s - loss:
    9.3864
310 2336/5493 [=====>.....] - ETA: 12s - loss:
    9.3869
311 2368/5493 [=====>.....] - ETA: 11s - loss:
    9.3862
312 2400/5493 [=====>.....] - ETA: 11s - loss:
    9.3854
313 2432/5493 [=====>.....] - ETA: 11s - loss:
    9.3858
```

| | | | |
|-----|-----------|---------------|---------------------|
| 314 | 2464/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 9.3855 | | |
| 315 | 2496/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 9.3844 | | |
| 316 | 2528/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 9.3841 | | |
| 317 | 2560/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 9.3874 | | |
| 318 | 2592/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 9.3872 | | |
| 319 | 2624/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 9.3870 | | |
| 320 | 2656/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 9.3876 | | |
| 321 | 2688/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 9.3871 | | |
| 322 | 2720/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 9.3871 | | |
| 323 | 2752/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 9.3879 | | |
| 324 | 2784/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 9.3882 | | |
| 325 | 2816/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 9.3879 | | |
| 326 | 2848/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 9.3886 | | |
| 327 | 2880/5493 | [=====>.....] | - ETA: 9s - loss: 9 |
| | .3886 | | |
| 328 | 2912/5493 | [=====>.....] | - ETA: 9s - loss: 9 |
| | .3889 | | |
| 329 | 2944/5493 | [=====>.....] | - ETA: 9s - loss: 9 |
| | .3897 | | |
| 330 | 2976/5493 | [=====>.....] | - ETA: 9s - loss: 9 |
| | .3897 | | |
| 331 | 3008/5493 | [=====>.....] | - ETA: 9s - loss: 9 |
| | .3895 | | |
| 332 | 3040/5493 | [=====>.....] | - ETA: 9s - loss: 9 |
| | .3894 | | |
| 333 | 3072/5493 | [=====>.....] | - ETA: 9s - loss: 9 |
| | .3894 | | |
| 334 | 3104/5493 | [=====>.....] | - ETA: 9s - loss: 9 |
| | .3899 | | |
| 335 | 3136/5493 | [=====>.....] | - ETA: 8s - loss: 9 |
| | .3900 | | |
| 336 | 3168/5493 | [=====>.....] | - ETA: 8s - loss: 9 |
| | .3899 | | |
| 337 | 3200/5493 | [=====>.....] | - ETA: 8s - loss: 9 |
| | .3900 | | |
| 338 | 3232/5493 | [=====>.....] | - ETA: 8s - loss: 9 |

```
338 .3897
339 3264/5493 [=====>.....] - ETA: 8s - loss: 9
    .3906
340 3296/5493 [=====>.....] - ETA: 8s - loss: 9
    .3906
341 3328/5493 [=====>.....] - ETA: 8s - loss: 9
    .3899
342 3360/5493 [=====>.....] - ETA: 8s - loss: 9
    .3909
343 3392/5493 [=====>.....] - ETA: 7s - loss: 9
    .3902
344 3424/5493 [=====>.....] - ETA: 7s - loss: 9
    .3904
345 3456/5493 [=====>.....] - ETA: 7s - loss: 9
    .3910
346 3488/5493 [=====>.....] - ETA: 7s - loss: 9
    .3925
347 3520/5493 [=====>.....] - ETA: 7s - loss: 9
    .3927
348 3552/5493 [=====>.....] - ETA: 7s - loss: 9
    .3923
349 3584/5493 [=====>.....] - ETA: 7s - loss: 9
    .3922
350 3616/5493 [=====>.....] - ETA: 7s - loss: 9
    .3922
351 3648/5493 [=====>.....] - ETA: 6s - loss: 9
    .3921
352 3680/5493 [=====>.....] - ETA: 6s - loss: 9
    .3921
353 3712/5493 [=====>.....] - ETA: 6s - loss: 9
    .3946
354 3744/5493 [=====>.....] - ETA: 6s - loss: 9
    .3947
355 3776/5493 [=====>.....] - ETA: 6s - loss: 9
    .3949
356 3808/5493 [=====>.....] - ETA: 6s - loss: 9
    .3959
357 3840/5493 [=====>.....] - ETA: 6s - loss: 9
    .3964
358 3872/5493 [=====>.....] - ETA: 6s - loss: 9
    .3966
359 3904/5493 [=====>.....] - ETA: 5s - loss: 9
    .3970
360 3936/5493 [=====>.....] - ETA: 5s - loss: 9
    .3973
361 3968/5493 [=====>.....] - ETA: 5s - loss: 9
    .3978
362 4000/5493 [=====>.....] - ETA: 5s - loss: 9
    .3989
```

```
363 4032/5493 [=====>.....] - ETA: 5s - loss: 9  
    .3993  
364 4064/5493 [=====>.....] - ETA: 5s - loss: 9  
    .3992  
365 4096/5493 [=====>.....] - ETA: 5s - loss: 9  
    .3999  
366 4128/5493 [=====>.....] - ETA: 5s - loss: 9  
    .4021  
367 4160/5493 [=====>.....] - ETA: 5s - loss: 9  
    .4026  
368 4192/5493 [=====>.....] - ETA: 4s - loss: 9  
    .4028  
369 4224/5493 [=====>.....] - ETA: 4s - loss: 9  
    .4029  
370 4256/5493 [=====>.....] - ETA: 4s - loss: 9  
    .4036  
371 4288/5493 [=====>.....] - ETA: 4s - loss: 9  
    .4041  
372 4320/5493 [=====>.....] - ETA: 4s - loss: 9  
    .4044  
373 4352/5493 [=====>.....] - ETA: 4s - loss: 9  
    .4052  
374 4384/5493 [=====>.....] - ETA: 4s - loss: 9  
    .4056  
375 4416/5493 [=====>.....] - ETA: 4s - loss: 9  
    .4064  
376 4448/5493 [=====>.....] - ETA: 3s - loss: 9  
    .4064  
377 4480/5493 [=====>.....] - ETA: 3s - loss: 9  
    .4067  
378 4512/5493 [=====>.....] - ETA: 3s - loss: 9  
    .4082  
379 4544/5493 [=====>.....] - ETA: 3s - loss: 9  
    .4087  
380 4576/5493 [=====>.....] - ETA: 3s - loss: 9  
    .4095  
381 4608/5493 [=====>.....] - ETA: 3s - loss: 9  
    .4097  
382 4640/5493 [=====>.....] - ETA: 3s - loss: 9  
    .4103  
383 4672/5493 [=====>.....] - ETA: 3s - loss: 9  
    .4103  
384 4704/5493 [=====>.....] - ETA: 2s - loss: 9  
    .4112  
385 4736/5493 [=====>.....] - ETA: 2s - loss: 9  
    .4137  
386 4768/5493 [=====>.....] - ETA: 2s - loss: 9  
    .4144  
387 4800/5493 [=====>.....] - ETA: 2s - loss: 9
```

```
387 .4149
388 4832/5493 [=====>....] - ETA: 2s - loss: 9
    .4153
389 4864/5493 [=====>....] - ETA: 2s - loss: 9
    .4158
390 4896/5493 [=====>....] - ETA: 2s - loss: 9
    .4165
391 4928/5493 [=====>....] - ETA: 2s - loss: 9
    .4175
392 4960/5493 [=====>...] - ETA: 1s - loss: 9
    .4187
393 4992/5493 [=====>...] - ETA: 1s - loss: 9
    .4197
394 5024/5493 [=====>...] - ETA: 1s - loss: 9
    .4207
395 5056/5493 [=====>...] - ETA: 1s - loss: 9
    .4214
396 5088/5493 [=====>...] - ETA: 1s - loss: 9
    .4225
397 5120/5493 [=====>...] - ETA: 1s - loss: 9
    .4232
398 5152/5493 [=====>..] - ETA: 1s - loss: 9
    .4237
399 5184/5493 [=====>..] - ETA: 1s - loss: 9
    .4242
400 5216/5493 [=====>..] - ETA: 1s - loss: 9
    .4249
401 5248/5493 [=====>..] - ETA: 0s - loss: 9
    .4266
402 5280/5493 [=====>..] - ETA: 0s - loss: 9
    .4285
403 5312/5493 [=====>.] - ETA: 0s - loss: 9
    .4290
404 5344/5493 [=====>.] - ETA: 0s - loss: 9
    .4293
405 5376/5493 [=====>.] - ETA: 0s - loss: 9
    .4301
406 5408/5493 [=====>.] - ETA: 0s - loss: 9
    .4304
407 5440/5493 [=====>.] - ETA: 0s - loss: 9
    .4314
408 5472/5493 [=====>.] - ETA: 0s - loss: 9
    .4325
409 5493/5493 [=====] - 21s 4ms/step -
    loss: 9.4330
410
411 ----- Generating text after Epoch: 1
412 ----- diversity: 0.2
413 ----- Generating with seed: "بروم"
```



```

414 همه "
415 بروم
416 همآمدند
417 بنزدیکارجمند پدرباد
418 بدیناوی ازانبشمریم چهبرنهد
419 زنیآمدی
420 جهاندکی
421 بدوآورد
422 دلمبسیاردان
423 ولی
424 ----- diversity: 0.5
425 ----- Generating with seed: " بروم
426 کنون"
427 بروم
428 هوا اندروست کنونبرکشید
429 چوپالودببند
430 بهآزمودنآراستم همهاشتری بفرمودبست بدوآمدم
431 یکیبر
432 چوبازارگان
433 چو
434 ----- diversity: 1.0
435 ----- Generating with seed: " بروم " نختست
436 عقیقبدستزنا و نختستازوبرداشتندبروم
437
438 چننبد
439 یکیخردان
440 نیایشارمانیانبنند بزودیآفرین
441 سزدبخواند
442 بفرمود
443 ----- diversity: 1.2
444 ----- Generating with seed: " بروم " به
445 برینبدنشان جزباش همانآموختن تهمتنباغ بهآفرینبروم
    بیاموزدایامبردردید فرستادهبازگردبتاریکاوستاد
446 چنن
447 Epoch 3/15
448
449 32/5493 [.....] - ETA: 19s - loss:
    8.8762
450 64/5493 [.....] - ETA: 19s - loss:
    8.9104
451 96/5493 [.....] - ETA: 19s - loss:
    8.9301
452 128/5493 [.....] - ETA: 19s - loss:
    8.9053
453 160/5493 [.....] - ETA: 19s - loss:
    8.9391
454 192/5493 [>.....] - ETA: 19s - loss:
    8.9397
455 224/5493 [>.....] - ETA: 19s - loss:

```

```
455 8.9318
456 256/5493 [>.....] - ETA: 19s - loss:
    8.9247
457 288/5493 [>.....] - ETA: 18s - loss:
    8.9302
458 320/5493 [>.....] - ETA: 18s - loss:
    8.9269
459 352/5493 [>.....] - ETA: 18s - loss:
    8.9250
460 384/5493 [=>.....] - ETA: 18s - loss:
    8.9235
461 416/5493 [=>.....] - ETA: 18s - loss:
    8.9216
462 448/5493 [=>.....] - ETA: 18s - loss:
    8.9285
463 480/5493 [=>.....] - ETA: 18s - loss:
    8.9333
464 512/5493 [=>.....] - ETA: 18s - loss:
    8.9330
465 544/5493 [=>.....] - ETA: 17s - loss:
    8.9335
466 576/5493 [==>.....] - ETA: 17s - loss:
    8.9368
467 608/5493 [==>.....] - ETA: 17s - loss:
    8.9346
468 640/5493 [==>.....] - ETA: 17s - loss:
    8.9351
469 672/5493 [==>.....] - ETA: 17s - loss:
    8.9367
470 704/5493 [==>.....] - ETA: 17s - loss:
    8.9374
471 736/5493 [===>.....] - ETA: 17s - loss:
    8.9412
472 768/5493 [===>.....] - ETA: 17s - loss:
    8.9420
473 800/5493 [===>.....] - ETA: 17s - loss:
    8.9413
474 832/5493 [===>.....] - ETA: 16s - loss:
    8.9393
475 864/5493 [===>.....] - ETA: 16s - loss:
    8.9408
476 896/5493 [===>.....] - ETA: 16s - loss:
    8.9418
477 928/5493 [====>.....] - ETA: 16s - loss:
    8.9415
478 960/5493 [====>.....] - ETA: 16s - loss:
    8.9423
479 992/5493 [====>.....] - ETA: 16s - loss:
    8.9400
```

| | | | |
|-----|-----------|---------------|--------------------|
| 480 | 1024/5493 | [====>.....] | - ETA: 16s - loss: |
| | 8.9381 | | |
| 481 | 1056/5493 | [====>.....] | - ETA: 16s - loss: |
| | 8.9382 | | |
| 482 | 1088/5493 | [====>.....] | - ETA: 16s - loss: |
| | 8.9405 | | |
| 483 | 1120/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 8.9418 | | |
| 484 | 1152/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 8.9401 | | |
| 485 | 1184/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 8.9439 | | |
| 486 | 1216/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 8.9442 | | |
| 487 | 1248/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 8.9440 | | |
| 488 | 1280/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 8.9453 | | |
| 489 | 1312/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 8.9467 | | |
| 490 | 1344/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 8.9447 | | |
| 491 | 1376/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 8.9445 | | |
| 492 | 1408/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 8.9452 | | |
| 493 | 1440/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 8.9474 | | |
| 494 | 1472/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 8.9468 | | |
| 495 | 1504/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 8.9466 | | |
| 496 | 1536/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 8.9462 | | |
| 497 | 1568/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 8.9450 | | |
| 498 | 1600/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 8.9458 | | |
| 499 | 1632/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 8.9492 | | |
| 500 | 1664/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 8.9527 | | |
| 501 | 1696/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 8.9537 | | |
| 502 | 1728/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 8.9539 | | |
| 503 | 1760/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 8.9540 | | |
| 504 | 1792/5493 | [=====>.....] | - ETA: 13s - loss: |

```
504 8.9540
505 1824/5493 [=====>.....] - ETA: 13s - loss:
    8.9529
506 1856/5493 [=====>.....] - ETA: 13s - loss:
    8.9560
507 1888/5493 [=====>.....] - ETA: 13s - loss:
    8.9563
508 1920/5493 [=====>.....] - ETA: 13s - loss:
    8.9575
509 1952/5493 [=====>.....] - ETA: 13s - loss:
    8.9577
510 1984/5493 [=====>.....] - ETA: 12s - loss:
    8.9581
511 2016/5493 [=====>.....] - ETA: 12s - loss:
    8.9595
512 2048/5493 [=====>.....] - ETA: 12s - loss:
    8.9599
513 2080/5493 [=====>.....] - ETA: 12s - loss:
    8.9613
514 2112/5493 [=====>.....] - ETA: 12s - loss:
    8.9613
515 2144/5493 [=====>.....] - ETA: 12s - loss:
    8.9598
516 2176/5493 [=====>.....] - ETA: 12s - loss:
    8.9673
517 2208/5493 [=====>.....] - ETA: 12s - loss:
    8.9681
518 2240/5493 [=====>.....] - ETA: 11s - loss:
    8.9677
519 2272/5493 [=====>.....] - ETA: 11s - loss:
    8.9697
520 2304/5493 [=====>.....] - ETA: 11s - loss:
    8.9713
521 2336/5493 [=====>.....] - ETA: 11s - loss:
    8.9726
522 2368/5493 [=====>.....] - ETA: 11s - loss:
    8.9732
523 2400/5493 [=====>.....] - ETA: 11s - loss:
    8.9742
524 2432/5493 [=====>.....] - ETA: 11s - loss:
    8.9743
525 2464/5493 [=====>.....] - ETA: 11s - loss:
    8.9738
526 2496/5493 [=====>.....] - ETA: 11s - loss:
    8.9731
527 2528/5493 [=====>.....] - ETA: 10s - loss:
    8.9749
528 2560/5493 [=====>.....] - ETA: 10s - loss:
    8.9773
```

| | | | |
|-----|-----------|---------------|---------------------------|
| 529 | 2592/5493 | [=====>.....] | - ETA: 10s - loss: 8.9769 |
| 530 | 2624/5493 | [=====>.....] | - ETA: 10s - loss: 8.9780 |
| 531 | 2656/5493 | [=====>.....] | - ETA: 10s - loss: 8.9783 |
| 532 | 2688/5493 | [=====>.....] | - ETA: 10s - loss: 8.9788 |
| 533 | 2720/5493 | [=====>.....] | - ETA: 10s - loss: 8.9788 |
| 534 | 2752/5493 | [=====>.....] | - ETA: 10s - loss: 8.9789 |
| 535 | 2784/5493 | [=====>.....] | - ETA: 9s - loss: 8.9796 |
| 536 | 2816/5493 | [=====>.....] | - ETA: 9s - loss: 8.9806 |
| 537 | 2848/5493 | [=====>.....] | - ETA: 9s - loss: 8.9811 |
| 538 | 2880/5493 | [=====>.....] | - ETA: 9s - loss: 8.9818 |
| 539 | 2912/5493 | [=====>.....] | - ETA: 9s - loss: 8.9838 |
| 540 | 2944/5493 | [=====>.....] | - ETA: 9s - loss: 8.9846 |
| 541 | 2976/5493 | [=====>.....] | - ETA: 9s - loss: 8.9855 |
| 542 | 3008/5493 | [=====>.....] | - ETA: 9s - loss: 8.9856 |
| 543 | 3040/5493 | [=====>.....] | - ETA: 9s - loss: 8.9860 |
| 544 | 3072/5493 | [=====>.....] | - ETA: 8s - loss: 8.9866 |
| 545 | 3104/5493 | [=====>.....] | - ETA: 8s - loss: 8.9870 |
| 546 | 3136/5493 | [=====>.....] | - ETA: 8s - loss: 8.9876 |
| 547 | 3168/5493 | [=====>.....] | - ETA: 8s - loss: 8.9875 |
| 548 | 3200/5493 | [=====>.....] | - ETA: 8s - loss: 8.9880 |
| 549 | 3232/5493 | [=====>.....] | - ETA: 8s - loss: 8.9896 |
| 550 | 3264/5493 | [=====>.....] | - ETA: 8s - loss: 8.9906 |
| 551 | 3296/5493 | [=====>.....] | - ETA: 8s - loss: 8.9914 |
| 552 | 3328/5493 | [=====>.....] | - ETA: 7s - loss: 8.9924 |
| 553 | 3360/5493 | [=====>.....] | - ETA: 7s - loss: 8 |

```
553 .9925
554 3392/5493 [=====>.....] - ETA: 7s - loss: 8
    .9936
555 3424/5493 [=====>.....] - ETA: 7s - loss: 8
    .9947
556 3456/5493 [=====>.....] - ETA: 7s - loss: 8
    .9954
557 3488/5493 [=====>.....] - ETA: 7s - loss: 8
    .9965
558 3520/5493 [=====>.....] - ETA: 7s - loss: 8
    .9974
559 3552/5493 [=====>.....] - ETA: 7s - loss: 8
    .9984
560 3584/5493 [=====>.....] - ETA: 7s - loss: 8
    .9985
561 3616/5493 [=====>.....] - ETA: 6s - loss: 9
    .0011
562 3648/5493 [=====>.....] - ETA: 6s - loss: 9
    .0023
563 3680/5493 [=====>.....] - ETA: 6s - loss: 9
    .0034
564 3712/5493 [=====>.....] - ETA: 6s - loss: 9
    .0046
565 3744/5493 [=====>.....] - ETA: 6s - loss: 9
    .0058
566 3776/5493 [=====>.....] - ETA: 6s - loss: 9
    .0070
567 3808/5493 [=====>.....] - ETA: 6s - loss: 9
    .0076
568 3840/5493 [=====>.....] - ETA: 6s - loss: 9
    .0084
569 3872/5493 [=====>.....] - ETA: 5s - loss: 9
    .0083
570 3904/5493 [=====>.....] - ETA: 5s - loss: 9
    .0119
571 3936/5493 [=====>.....] - ETA: 5s - loss: 9
    .0134
572 3968/5493 [=====>.....] - ETA: 5s - loss: 9
    .0144
573 4000/5493 [=====>.....] - ETA: 5s - loss: 9
    .0156
574 4032/5493 [=====>.....] - ETA: 5s - loss: 9
    .0165
575 4064/5493 [=====>.....] - ETA: 5s - loss: 9
    .0171
576 4096/5493 [=====>.....] - ETA: 5s - loss: 9
    .0181
577 4128/5493 [=====>.....] - ETA: 5s - loss: 9
    .0191
```

| | | | |
|-----|-----------|---------------|---------------------|
| 578 | 4160/5493 | [=====>.....] | - ETA: 4s - loss: 9 |
| | .0201 | | |
| 579 | 4192/5493 | [=====>.....] | - ETA: 4s - loss: 9 |
| | .0206 | | |
| 580 | 4224/5493 | [=====>.....] | - ETA: 4s - loss: 9 |
| | .0228 | | |
| 581 | 4256/5493 | [=====>.....] | - ETA: 4s - loss: 9 |
| | .0241 | | |
| 582 | 4288/5493 | [=====>.....] | - ETA: 4s - loss: 9 |
| | .0248 | | |
| 583 | 4320/5493 | [=====>.....] | - ETA: 4s - loss: 9 |
| | .0258 | | |
| 584 | 4352/5493 | [=====>.....] | - ETA: 4s - loss: 9 |
| | .0260 | | |
| 585 | 4384/5493 | [=====>.....] | - ETA: 4s - loss: 9 |
| | .0273 | | |
| 586 | 4416/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .0280 | | |
| 587 | 4448/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .0287 | | |
| 588 | 4480/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .0300 | | |
| 589 | 4512/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .0317 | | |
| 590 | 4544/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .0326 | | |
| 591 | 4576/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .0332 | | |
| 592 | 4608/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .0341 | | |
| 593 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .0349 | | |
| 594 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: 9 |
| | .0361 | | |
| 595 | 4704/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .0371 | | |
| 596 | 4736/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .0383 | | |
| 597 | 4768/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .0395 | | |
| 598 | 4800/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .0410 | | |
| 599 | 4832/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .0423 | | |
| 600 | 4864/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .0433 | | |
| 601 | 4896/5493 | [=====>.....] | - ETA: 2s - loss: 9 |
| | .0440 | | |
| 602 | 4928/5493 | [=====>.....] | - ETA: 2s - loss: 9 |

```
602 .0443
603 4960/5493 [=====>...] - ETA: 1s - loss: 9
    .0458
604 4992/5493 [=====>...] - ETA: 1s - loss: 9
    .0469
605 5024/5493 [=====>...] - ETA: 1s - loss: 9
    .0481
606 5056/5493 [=====>...] - ETA: 1s - loss: 9
    .0491
607 5088/5493 [=====>...] - ETA: 1s - loss: 9
    .0501
608 5120/5493 [=====>...] - ETA: 1s - loss: 9
    .0510
609 5152/5493 [=====>..] - ETA: 1s - loss: 9
    .0521
610 5184/5493 [=====>..] - ETA: 1s - loss: 9
    .0527
611 5216/5493 [=====>..] - ETA: 1s - loss: 9
    .0540
612 5248/5493 [=====>..] - ETA: 0s - loss: 9
    .0551
613 5280/5493 [=====>..] - ETA: 0s - loss: 9
    .0558
614 5312/5493 [=====>.] - ETA: 0s - loss: 9
    .0574
615 5344/5493 [=====>.] - ETA: 0s - loss: 9
    .0586
616 5376/5493 [=====>.] - ETA: 0s - loss: 9
    .0600
617 5408/5493 [=====>.] - ETA: 0s - loss: 9
    .0609
618 5440/5493 [=====>.] - ETA: 0s - loss: 9
    .0618
619 5472/5493 [=====>.] - ETA: 0s - loss: 9
    .0630
620 5493/5493 [=====] - 20s 4ms/step -
    loss: 9.0637
621
622 ----- Generating text after Epoch: 2
623 ----- diversity: 0.2
624 ----- Generating with seed: "ایرانیانش"
625 ایرانیانشانندکیست
626 برفتافسری ازواسفندیار
627 نگرستیهدهبلند جزبتری
628 نشستهاوی
629 بماندبدادش بدانستبشنویافراسیاب
630 ----- diversity: 0.5
631 ----- Generating with seed: "ایران زمین"
632 "که"
```



```
633 ایران زمین
634 بگرداناندر آیانجمن کهبرد
635 بهربدگمان نکردیمانجمن شوماندرین
636 گنهکارتراندو هتبر آشفتهآفرین
637 نکردی بیازرد آرامگاه
638 ----- diversity: 1.0
639 ----- Generating with seed: "ایرج"
640 ایرجآوردگاه
641 سپهدار بروم
642 سخنهایافراسیاب
643 سویآردبباد زبس
644 بدینبسپری
645 نمانمآفتاب
646 زبرافرازم هرانکسبتکدهست
647 ----- diversity: 1.2
648 ----- Generating with seed: "ایران زمین"
649 نخستین"
650 ایران زمین
651 بدانبرگ نخستینافراسیاب
652 کهن بیآزاریبرمگرد
653 سپاهازکیناین
654 ببودآبنوس بدوبراز
655 ازانبیزمآفرینهای
656 Epoch 4/15
657
658 32/5493 [.....] - ETA: 20s - loss:
8.4447
659 64/5493 [.....] - ETA: 20s - loss:
8.4145
660 96/5493 [.....] - ETA: 19s - loss:
8.3935
661 128/5493 [.....] - ETA: 19s - loss:
8.3559
662 160/5493 [.....] - ETA: 19s - loss:
8.3077
663 192/5493 [>.....] - ETA: 19s - loss:
8.2918
664 224/5493 [>.....] - ETA: 19s - loss:
8.2389
665 256/5493 [>.....] - ETA: 19s - loss:
8.2520
666 288/5493 [>.....] - ETA: 19s - loss:
8.2617
667 320/5493 [>.....] - ETA: 19s - loss:
8.2626
668 352/5493 [>.....] - ETA: 18s - loss:
8.2409
669 384/5493 [=>.....] - ETA: 18s - loss:
8.2097
```

```
670 416/5493 [=>.....] - ETA: 18s - loss:
    8.2152
671 448/5493 [=>.....] - ETA: 18s - loss:
    8.2083
672 480/5493 [=>.....] - ETA: 18s - loss:
    8.2026
673 512/5493 [=>.....] - ETA: 18s - loss:
    8.2138
674 544/5493 [=>.....] - ETA: 18s - loss:
    8.2050
675 576/5493 [==>.....] - ETA: 18s - loss:
    8.1956
676 608/5493 [==>.....] - ETA: 18s - loss:
    8.2028
677 640/5493 [==>.....] - ETA: 17s - loss:
    8.2009
678 672/5493 [==>.....] - ETA: 17s - loss:
    8.1928
679 704/5493 [==>.....] - ETA: 17s - loss:
    8.1880
680 736/5493 [===>.....] - ETA: 17s - loss:
    8.1741
681 768/5493 [===>.....] - ETA: 17s - loss:
    8.1747
682 800/5493 [===>.....] - ETA: 17s - loss:
    8.1685
683 832/5493 [===>.....] - ETA: 17s - loss:
    8.1612
684 864/5493 [===>.....] - ETA: 17s - loss:
    8.1500
685 896/5493 [===>.....] - ETA: 17s - loss:
    8.1470
686 928/5493 [====>.....] - ETA: 16s - loss:
    8.1361
687 960/5493 [====>.....] - ETA: 16s - loss:
    8.1212
688 992/5493 [====>.....] - ETA: 16s - loss:
    8.1182
689 1024/5493 [====>.....] - ETA: 16s - loss:
    8.1119
690 1056/5493 [====>.....] - ETA: 16s - loss:
    8.1035
691 1088/5493 [====>.....] - ETA: 16s - loss:
    8.1005
692 1120/5493 [====>.....] - ETA: 16s - loss:
    8.1033
693 1152/5493 [====>.....] - ETA: 16s - loss:
    8.1021
694 1184/5493 [====>.....] - ETA: 15s - loss:
```

```
694 8.0952
695 1216/5493 [=====>.....] - ETA: 15s - loss:
    8.0948
696 1248/5493 [=====>.....] - ETA: 15s - loss:
    8.0985
697 1280/5493 [=====>.....] - ETA: 15s - loss:
    8.0993
698 1312/5493 [=====>.....] - ETA: 15s - loss:
    8.0956
699 1344/5493 [=====>.....] - ETA: 15s - loss:
    8.0962
700 1376/5493 [=====>.....] - ETA: 15s - loss:
    8.0883
701 1408/5493 [=====>.....] - ETA: 15s - loss:
    8.0861
702 1440/5493 [=====>.....] - ETA: 14s - loss:
    8.0826
703 1472/5493 [=====>.....] - ETA: 14s - loss:
    8.0781
704 1504/5493 [=====>.....] - ETA: 14s - loss:
    8.0712
705 1536/5493 [=====>.....] - ETA: 14s - loss:
    8.0642
706 1568/5493 [=====>.....] - ETA: 14s - loss:
    8.0583
707 1600/5493 [=====>.....] - ETA: 14s - loss:
    8.0549
708 1632/5493 [=====>.....] - ETA: 14s - loss:
    8.0504
709 1664/5493 [=====>.....] - ETA: 14s - loss:
    8.0482
710 1696/5493 [=====>.....] - ETA: 14s - loss:
    8.0420
711 1728/5493 [=====>.....] - ETA: 13s - loss:
    8.0388
712 1760/5493 [=====>.....] - ETA: 13s - loss:
    8.0397
713 1792/5493 [=====>.....] - ETA: 13s - loss:
    8.0375
714 1824/5493 [=====>.....] - ETA: 13s - loss:
    8.0334
715 1856/5493 [=====>.....] - ETA: 13s - loss:
    8.0314
716 1888/5493 [=====>.....] - ETA: 13s - loss:
    8.0293
717 1920/5493 [=====>.....] - ETA: 13s - loss:
    8.0258
718 1952/5493 [=====>.....] - ETA: 13s - loss:
    8.0230
```

| | | | |
|-----|-----------|---------------|--------------------|
| 719 | 1984/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 8.0247 | | |
| 720 | 2016/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 8.0297 | | |
| 721 | 2048/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 8.0295 | | |
| 722 | 2080/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 8.0303 | | |
| 723 | 2112/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 8.0273 | | |
| 724 | 2144/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 8.0265 | | |
| 725 | 2176/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 8.0229 | | |
| 726 | 2208/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 8.0221 | | |
| 727 | 2240/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 8.0202 | | |
| 728 | 2272/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 8.0170 | | |
| 729 | 2304/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 8.0161 | | |
| 730 | 2336/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 8.0165 | | |
| 731 | 2368/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 8.0152 | | |
| 732 | 2400/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 8.0155 | | |
| 733 | 2432/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 8.0170 | | |
| 734 | 2464/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 8.0169 | | |
| 735 | 2496/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 8.0192 | | |
| 736 | 2528/5493 | [=====>.....] | - ETA: 11s - loss: |
| | 8.0205 | | |
| 737 | 2560/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 8.0214 | | |
| 738 | 2592/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 8.0229 | | |
| 739 | 2624/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 8.0247 | | |
| 740 | 2656/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 8.0257 | | |
| 741 | 2688/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 8.0276 | | |
| 742 | 2720/5493 | [=====>.....] | - ETA: 10s - loss: |
| | 8.0286 | | |
| 743 | 2752/5493 | [=====>.....] | - ETA: 10s - loss: |

```
743 8.0284
744 2784/5493 [=====>.....] - ETA: 10s - loss:
    8.0292
745 2816/5493 [=====>.....] - ETA: 9s - loss: 8
    .0320
746 2848/5493 [=====>.....] - ETA: 9s - loss: 8
    .0313
747 2880/5493 [=====>.....] - ETA: 9s - loss: 8
    .0314
748 2912/5493 [=====>.....] - ETA: 9s - loss: 8
    .0325
749 2944/5493 [=====>.....] - ETA: 9s - loss: 8
    .0323
750 2976/5493 [=====>.....] - ETA: 9s - loss: 8
    .0345
751 3008/5493 [=====>.....] - ETA: 9s - loss: 8
    .0341
752 3040/5493 [=====>.....] - ETA: 9s - loss: 8
    .0352
753 3072/5493 [=====>.....] - ETA: 9s - loss: 8
    .0363
754 3104/5493 [=====>.....] - ETA: 8s - loss: 8
    .0347
755 3136/5493 [=====>.....] - ETA: 8s - loss: 8
    .0380
756 3168/5493 [=====>.....] - ETA: 8s - loss: 8
    .0390
757 3200/5493 [=====>.....] - ETA: 8s - loss: 8
    .0403
758 3232/5493 [=====>.....] - ETA: 8s - loss: 8
    .0421
759 3264/5493 [=====>.....] - ETA: 8s - loss: 8
    .0426
760 3296/5493 [=====>.....] - ETA: 8s - loss: 8
    .0441
761 3328/5493 [=====>.....] - ETA: 8s - loss: 8
    .0459
762 3360/5493 [=====>.....] - ETA: 7s - loss: 8
    .0469
763 3392/5493 [=====>.....] - ETA: 7s - loss: 8
    .0495
764 3424/5493 [=====>.....] - ETA: 7s - loss: 8
    .0510
765 3456/5493 [=====>.....] - ETA: 7s - loss: 8
    .0526
766 3488/5493 [=====>.....] - ETA: 7s - loss: 8
    .0532
767 3520/5493 [=====>.....] - ETA: 7s - loss: 8
    .0547
```

| | | | |
|-----|-----------|---------------|---------------------|
| 768 | 3552/5493 | [=====>.....] | - ETA: 7s - loss: 8 |
| | .0560 | | |
| 769 | 3584/5493 | [=====>.....] | - ETA: 7s - loss: 8 |
| | .0562 | | |
| 770 | 3616/5493 | [=====>.....] | - ETA: 6s - loss: 8 |
| | .0591 | | |
| 771 | 3648/5493 | [=====>.....] | - ETA: 6s - loss: 8 |
| | .0605 | | |
| 772 | 3680/5493 | [=====>.....] | - ETA: 6s - loss: 8 |
| | .0620 | | |
| 773 | 3712/5493 | [=====>.....] | - ETA: 6s - loss: 8 |
| | .0627 | | |
| 774 | 3744/5493 | [=====>.....] | - ETA: 6s - loss: 8 |
| | .0647 | | |
| 775 | 3776/5493 | [=====>.....] | - ETA: 6s - loss: 8 |
| | .0679 | | |
| 776 | 3808/5493 | [=====>.....] | - ETA: 6s - loss: 8 |
| | .0696 | | |
| 777 | 3840/5493 | [=====>.....] | - ETA: 6s - loss: 8 |
| | .0708 | | |
| 778 | 3872/5493 | [=====>.....] | - ETA: 6s - loss: 8 |
| | .0730 | | |
| 779 | 3904/5493 | [=====>.....] | - ETA: 5s - loss: 8 |
| | .0736 | | |
| 780 | 3936/5493 | [=====>.....] | - ETA: 5s - loss: 8 |
| | .0752 | | |
| 781 | 3968/5493 | [=====>.....] | - ETA: 5s - loss: 8 |
| | .0748 | | |
| 782 | 4000/5493 | [=====>.....] | - ETA: 5s - loss: 8 |
| | .0769 | | |
| 783 | 4032/5493 | [=====>.....] | - ETA: 5s - loss: 8 |
| | .0789 | | |
| 784 | 4064/5493 | [=====>.....] | - ETA: 5s - loss: 8 |
| | .0795 | | |
| 785 | 4096/5493 | [=====>.....] | - ETA: 5s - loss: 8 |
| | .0810 | | |
| 786 | 4128/5493 | [=====>.....] | - ETA: 5s - loss: 8 |
| | .0847 | | |
| 787 | 4160/5493 | [=====>.....] | - ETA: 4s - loss: 8 |
| | .0879 | | |
| 788 | 4192/5493 | [=====>.....] | - ETA: 4s - loss: 8 |
| | .0893 | | |
| 789 | 4224/5493 | [=====>.....] | - ETA: 4s - loss: 8 |
| | .0901 | | |
| 790 | 4256/5493 | [=====>.....] | - ETA: 4s - loss: 8 |
| | .0914 | | |
| 791 | 4288/5493 | [=====>.....] | - ETA: 4s - loss: 8 |
| | .0926 | | |
| 792 | 4320/5493 | [=====>.....] | - ETA: 4s - loss: 8 |

```
792 .0955
793 4352/5493 [=====>.....] - ETA: 4s - loss: 8
    .0982
794 4384/5493 [=====>.....] - ETA: 4s - loss: 8
    .1014
795 4416/5493 [=====>.....] - ETA: 4s - loss: 8
    .1021
796 4448/5493 [=====>.....] - ETA: 3s - loss: 8
    .1032
797 4480/5493 [=====>.....] - ETA: 3s - loss: 8
    .1052
798 4512/5493 [=====>.....] - ETA: 3s - loss: 8
    .1071
799 4544/5493 [=====>.....] - ETA: 3s - loss: 8
    .1095
800 4576/5493 [=====>.....] - ETA: 3s - loss: 8
    .1117
801 4608/5493 [=====>.....] - ETA: 3s - loss: 8
    .1136
802 4640/5493 [=====>.....] - ETA: 3s - loss: 8
    .1151
803 4672/5493 [=====>.....] - ETA: 3s - loss: 8
    .1179
804 4704/5493 [=====>.....] - ETA: 2s - loss: 8
    .1195
805 4736/5493 [=====>.....] - ETA: 2s - loss: 8
    .1213
806 4768/5493 [=====>....] - ETA: 2s - loss: 8
    .1231
807 4800/5493 [=====>....] - ETA: 2s - loss: 8
    .1251
808 4832/5493 [=====>....] - ETA: 2s - loss: 8
    .1270
809 4864/5493 [=====>....] - ETA: 2s - loss: 8
    .1286
810 4896/5493 [=====>....] - ETA: 2s - loss: 8
    .1308
811 4928/5493 [=====>....] - ETA: 2s - loss: 8
    .1329
812 4960/5493 [=====>...] - ETA: 1s - loss: 8
    .1349
813 4992/5493 [=====>...] - ETA: 1s - loss: 8
    .1372
814 5024/5493 [=====>...] - ETA: 1s - loss: 8
    .1396
815 5056/5493 [=====>...] - ETA: 1s - loss: 8
    .1412
816 5088/5493 [=====>...] - ETA: 1s - loss: 8
    .1434
```

```
817 5120/5493 [=====>...] - ETA: 1s - loss: 8
    .1461
818 5152/5493 [=====>..] - ETA: 1s - loss: 8
    .1478
819 5184/5493 [=====>..] - ETA: 1s - loss: 8
    .1498
820 5216/5493 [=====>..] - ETA: 1s - loss: 8
    .1522
821 5248/5493 [=====>..] - ETA: 0s - loss: 8
    .1547
822 5280/5493 [=====>..] - ETA: 0s - loss: 8
    .1570
823 5312/5493 [=====>.] - ETA: 0s - loss: 8
    .1588
824 5344/5493 [=====>.] - ETA: 0s - loss: 8
    .1605
825 5376/5493 [=====>.] - ETA: 0s - loss: 8
    .1626
826 5408/5493 [=====>.] - ETA: 0s - loss: 8
    .1649
827 5440/5493 [=====>.] - ETA: 0s - loss: 8
    .1676
828 5472/5493 [=====>.] - ETA: 0s - loss: 8
    .1698
829 5493/5493 [=====] - 21s 4ms/step -
    loss: 8.1716
830
831 ----- Generating text after Epoch: 3
832 ----- diversity: 0.2
833 ----- Generating with seed: "بشويد"
834 بشويد بخردان
835 برفتند بار هموار
836 بهار بر
837 بزد بخردان
838 همو بخردان
839 همو بخردان
840 همو بدست
841 برفتند بخردان كه بار
842 همو
843 ----- diversity: 0.5
844 ----- Generating with seed: "بشويد"
845 برفتند بخت برفتند بار بشويد برگستوان دار بار
846 هم اندر بخردان نديد برفروخت گشاده آفتاب گشاده هارنواز چنين مارنواز
847 همو بر
848 بزد
849 ----- diversity: 1.0
850 ----- Generating with seed: "بشكافتي"
851 به
852 بشكافتي
```



```

853 کزینبزیز بهباز
854 ببردندبدن پیامبندن یکبرگشاد گهانگشتری
855 نباید بباگهی بروبرجست بمهداردشیر تبهارجمند
856 ----- diversity: 1.2
857 ----- Generating with seed: "بشویند"
858 بشویندبرانگیزدم
859 برفتندآفرین برآرستبار
860 یزالبدست بشدبیش
861 مراآیدش نجستندارزانیان همانابند
862 دو چهاخت چوباز
863 Epoch 5/15
864
865 32/5493 [.....] - ETA: 20s - loss:
6.3710
866 64/5493 [.....] - ETA: 20s - loss:
6.4381
867 96/5493 [.....] - ETA: 19s - loss:
6.4416
868 128/5493 [.....] - ETA: 19s - loss:
6.3503
869 160/5493 [.....] - ETA: 19s - loss:
6.2445
870 192/5493 [>.....] - ETA: 19s - loss:
6.2764
871 224/5493 [>.....] - ETA: 19s - loss:
6.2421
872 256/5493 [>.....] - ETA: 19s - loss:
6.1962
873 288/5493 [>.....] - ETA: 19s - loss:
6.1764
874 320/5493 [>.....] - ETA: 19s - loss:
6.1872
875 352/5493 [>.....] - ETA: 18s - loss:
6.1590
876 384/5493 [=>.....] - ETA: 18s - loss:
6.1253
877 416/5493 [=>.....] - ETA: 18s - loss:
6.1015
878 448/5493 [=>.....] - ETA: 18s - loss:
6.0917
879 480/5493 [=>.....] - ETA: 18s - loss:
6.0772
880 512/5493 [=>.....] - ETA: 18s - loss:
6.1001
881 544/5493 [=>.....] - ETA: 18s - loss:
6.0961
882 576/5493 [==>.....] - ETA: 18s - loss:
6.1031
883 608/5493 [==>.....] - ETA: 18s - loss:

```

```
883 6.1058
884 640/5493 [==>.....] - ETA: 18s - loss:
    6.1022
885 672/5493 [==>.....] - ETA: 18s - loss:
    6.1046
886 704/5493 [==>.....] - ETA: 17s - loss:
    6.1076
887 736/5493 [===>.....] - ETA: 17s - loss:
    6.1177
888 768/5493 [===>.....] - ETA: 17s - loss:
    6.1176
889 800/5493 [===>.....] - ETA: 17s - loss:
    6.1139
890 832/5493 [===>.....] - ETA: 17s - loss:
    6.1144
891 864/5493 [===>.....] - ETA: 17s - loss:
    6.1383
892 896/5493 [===>.....] - ETA: 17s - loss:
    6.1459
893 928/5493 [====>.....] - ETA: 17s - loss:
    6.1496
894 960/5493 [====>.....] - ETA: 16s - loss:
    6.1535
895 992/5493 [====>.....] - ETA: 16s - loss:
    6.1644
896 1024/5493 [====>.....] - ETA: 16s - loss:
    6.1711
897 1056/5493 [====>.....] - ETA: 16s - loss:
    6.1812
898 1088/5493 [====>.....] - ETA: 16s - loss:
    6.1817
899 1120/5493 [=====>.....] - ETA: 16s - loss:
    6.1855
900 1152/5493 [=====>.....] - ETA: 16s - loss:
    6.1912
901 1184/5493 [=====>.....] - ETA: 16s - loss:
    6.2009
902 1216/5493 [=====>.....] - ETA: 15s - loss:
    6.2117
903 1248/5493 [=====>.....] - ETA: 15s - loss:
    6.2210
904 1280/5493 [=====>.....] - ETA: 15s - loss:
    6.2420
905 1312/5493 [=====>.....] - ETA: 15s - loss:
    6.2546
906 1344/5493 [=====>.....] - ETA: 15s - loss:
    6.2574
907 1376/5493 [=====>.....] - ETA: 15s - loss:
    6.2755
```

| | | | |
|-----|-----------|---------------|--------------------|
| 908 | 1408/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 6.2906 | | |
| 909 | 1440/5493 | [=====>.....] | - ETA: 15s - loss: |
| | 6.2987 | | |
| 910 | 1472/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 6.3088 | | |
| 911 | 1504/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 6.3138 | | |
| 912 | 1536/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 6.3281 | | |
| 913 | 1568/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 6.3375 | | |
| 914 | 1600/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 6.3452 | | |
| 915 | 1632/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 6.3597 | | |
| 916 | 1664/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 6.3738 | | |
| 917 | 1696/5493 | [=====>.....] | - ETA: 14s - loss: |
| | 6.3812 | | |
| 918 | 1728/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 6.3961 | | |
| 919 | 1760/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 6.4020 | | |
| 920 | 1792/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 6.4111 | | |
| 921 | 1824/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 6.4215 | | |
| 922 | 1856/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 6.4323 | | |
| 923 | 1888/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 6.4422 | | |
| 924 | 1920/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 6.4566 | | |
| 925 | 1952/5493 | [=====>.....] | - ETA: 13s - loss: |
| | 6.4644 | | |
| 926 | 1984/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 6.4770 | | |
| 927 | 2016/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 6.4874 | | |
| 928 | 2048/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 6.4995 | | |
| 929 | 2080/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 6.5097 | | |
| 930 | 2112/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 6.5238 | | |
| 931 | 2144/5493 | [=====>.....] | - ETA: 12s - loss: |
| | 6.5331 | | |
| 932 | 2176/5493 | [=====>.....] | - ETA: 12s - loss: |

```
932 6.5455
933 2208/5493 [=====>.....] - ETA: 12s - loss:
    6.5530
934 2240/5493 [=====>.....] - ETA: 12s - loss:
    6.5641
935 2272/5493 [=====>.....] - ETA: 11s - loss:
    6.5742
936 2304/5493 [=====>.....] - ETA: 11s - loss:
    6.5820
937 2336/5493 [=====>.....] - ETA: 11s - loss:
    6.5921
938 2368/5493 [=====>.....] - ETA: 11s - loss:
    6.6029
939 2400/5493 [=====>.....] - ETA: 11s - loss:
    6.6102
940 2432/5493 [=====>.....] - ETA: 11s - loss:
    6.6219
941 2464/5493 [=====>.....] - ETA: 11s - loss:
    6.6300
942 2496/5493 [=====>.....] - ETA: 11s - loss:
    6.6413
943 2528/5493 [=====>.....] - ETA: 11s - loss:
    6.6501
944 2560/5493 [=====>.....] - ETA: 10s - loss:
    6.6573
945 2592/5493 [=====>.....] - ETA: 10s - loss:
    6.6677
946 2624/5493 [=====>.....] - ETA: 10s - loss:
    6.6766
947 2656/5493 [=====>.....] - ETA: 10s - loss:
    6.6841
948 2688/5493 [=====>.....] - ETA: 10s - loss:
    6.6940
949 2720/5493 [=====>.....] - ETA: 10s - loss:
    6.7054
950 2752/5493 [=====>.....] - ETA: 10s - loss:
    6.7143
951 2784/5493 [=====>.....] - ETA: 10s - loss:
    6.7264
952 2816/5493 [=====>.....] - ETA: 9s - loss: 6
    .7367
953 2848/5493 [=====>.....] - ETA: 9s - loss: 6
    .7475
954 2880/5493 [=====>.....] - ETA: 9s - loss: 6
    .7574
955 2912/5493 [=====>.....] - ETA: 9s - loss: 6
    .7683
956 2944/5493 [=====>.....] - ETA: 9s - loss: 6
    .7781
```

```
957 2976/5493 [=====>.....] - ETA: 9s - loss:
    6.7874
958 3008/5493 [=====>.....] - ETA: 9s - loss:
    6.7963
959 3040/5493 [=====>.....] - ETA: 9s - loss:
    6.8051
960 3072/5493 [=====>.....] - ETA: 8s - loss:
    6.8134
961 3104/5493 [=====>.....] - ETA: 8s - loss:
    6.8210
962 3136/5493 [=====>.....] - ETA: 8s - loss:
    6.8316
963 3168/5493 [=====>.....] - ETA: 8s - loss:
    6.8409
964 3200/5493 [=====>.....] - ETA: 8s - loss:
    6.8514
965 3232/5493 [=====>.....] - ETA: 8s - loss:
    6.8612
966 3264/5493 [=====>.....] - ETA: 8s - loss:
    6.8706
967 3296/5493 [=====>.....] - ETA: 8s - loss:
    6.8798
968 3328/5493 [=====>.....] - ETA: 8s - loss:
    6.8887
969 3360/5493 [=====>.....] - ETA: 7s - loss:
    6.8992
970 3392/5493 [=====>.....] - ETA: 7s - loss:
    6.9070
971 3424/5493 [=====>.....] - ETA: 7s - loss:
    6.9144
972 3456/5493 [=====>.....] - ETA: 7s - loss:
    6.9235
973 3488/5493 [=====>.....] - ETA: 7s - loss:
    6.9311
974 3520/5493 [=====>.....] - ETA: 7s - loss:
    6.9399
975 3552/5493 [=====>.....] - ETA: 7s - loss:
    6.9481
976 3584/5493 [=====>.....] - ETA: 7s - loss:
    6.9563
977 3616/5493 [=====>.....] - ETA: 6s - loss:
    6.9637
978 3648/5493 [=====>.....] - ETA: 6s - loss:
    6.9730
979 3680/5493 [=====>.....] - ETA: 6s - loss:
    6.9801
980 3712/5493 [=====>.....] - ETA: 6s - loss:
    6.9867
981 3744/5493 [=====>.....] - ETA: 6s - loss:
```

```
981 6.9953
982 3776/5493 [=====>.....] - ETA: 6s - loss:
    7.0037
983 3808/5493 [=====>.....] - ETA: 6s - loss:
    7.0113
984 3840/5493 [=====>.....] - ETA: 6s - loss:
    7.0189
985 3872/5493 [=====>.....] - ETA: 6s - loss:
    7.0270
986 3904/5493 [=====>.....] - ETA: 5s - loss:
    7.0349
987 3936/5493 [=====>.....] - ETA: 5s - loss:
    7.0431
988 3968/5493 [=====>.....] - ETA: 5s - loss:
    7.0494
989 4000/5493 [=====>.....] - ETA: 5s - loss:
    7.0586
990 4032/5493 [=====>.....] - ETA: 5s - loss:
    7.0668
991 4064/5493 [=====>.....] - ETA: 5s - loss:
    7.0736
992 4096/5493 [=====>.....] - ETA: 5s - loss:
    7.0800
993 4128/5493 [=====>.....] - ETA: 5s - loss:
    7.0875
994 4160/5493 [=====>.....] - ETA: 4s - loss:
    7.0947
995 4192/5493 [=====>.....] - ETA: 4s - loss:
    7.1025
996 4224/5493 [=====>.....] - ETA: 4s - loss:
    7.1096
997 4256/5493 [=====>.....] - ETA: 4s - loss:
    7.1163
998 4288/5493 [=====>.....] - ETA: 4s - loss:
    7.1233
999 4320/5493 [=====>.....] - ETA: 4s - loss:
    7.1291
1000 4352/5493 [=====>.....] - ETA: 4s - loss:
    7.1355
1001 4384/5493 [=====>.....] - ETA: 4s - loss:
    7.1430
1002 4416/5493 [=====>.....] - ETA: 4s - loss:
    7.1499
1003 4448/5493 [=====>.....] - ETA: 3s - loss:
    7.1560
1004 4480/5493 [=====>.....] - ETA: 3s - loss:
    7.1621
1005 4512/5493 [=====>.....] - ETA: 3s - loss:
    7.1697
```

| | | | |
|------|-----------|---------------|-------------------|
| 1006 | 4544/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.1758 | | |
| 1007 | 4576/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.1831 | | |
| 1008 | 4608/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.1897 | | |
| 1009 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.1975 | | |
| 1010 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.2053 | | |
| 1011 | 4704/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.2127 | | |
| 1012 | 4736/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.2196 | | |
| 1013 | 4768/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.2269 | | |
| 1014 | 4800/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.2334 | | |
| 1015 | 4832/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.2394 | | |
| 1016 | 4864/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.2455 | | |
| 1017 | 4896/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.2511 | | |
| 1018 | 4928/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.2574 | | |
| 1019 | 4960/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.2638 | | |
| 1020 | 4992/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.2706 | | |
| 1021 | 5024/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.2775 | | |
| 1022 | 5056/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.2842 | | |
| 1023 | 5088/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.2908 | | |
| 1024 | 5120/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.2966 | | |
| 1025 | 5152/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.3029 | | |
| 1026 | 5184/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.3091 | | |
| 1027 | 5216/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.3150 | | |
| 1028 | 5248/5493 | [=====>..] | - ETA: 0s - loss: |
| | 7.3218 | | |
| 1029 | 5280/5493 | [=====>..] | - ETA: 0s - loss: |
| | 7.3278 | | |
| 1030 | 5312/5493 | [=====>.] | - ETA: 0s - loss: |

```
1030 7.3335
1031 5344/5493 [=====>.] - ETA: 0s - loss:
    7.3392
1032 5376/5493 [=====>.] - ETA: 0s - loss:
    7.3456
1033 5408/5493 [=====>.] - ETA: 0s - loss:
    7.3523
1034 5440/5493 [=====>.] - ETA: 0s - loss:
    7.3578
1035 5472/5493 [=====>.] - ETA: 0s - loss:
    7.3631
1036 5493/5493 [=====] - 20s 4ms/step -
    loss: 7.3669
1037
1038 ----- Generating text after Epoch: 4
1039 ----- diversity: 0.2
1040 ----- Generating with seed: "افشانند"
1041 "شهنشاه"
1042 افشانند
1043 کهآبمباداآوردگاه شهنشاهباد
1044 هنوزافراسیابیارزوی
1045 نهآمدند
1046 کهبندنبرکشید تبیرهزنانآوردگاه
1047 کهسپهدآوردگاه
1048 ----- diversity: 0.5
1049 ----- Generating with seed: "افشانند"
1050 "نخستین"
1051 افشانند
1052 یکیبرکاناوست همآورد کمانیبرودبستند نخستینبدگوهرااردشیر
    شبستانابر کهببرد
1053 همیپاناهند
1054 ----- diversity: 1.0
1055 ----- Generating with seed: "افشانند"
1056
1057 "دوان"
1058 افشانند
1059
1060 نگریده دوانآر
1061 گرآب
1062 نبذبشمرد
1063 عنانبدست میبفشاردم
1064 همآب برفتببرد فرستادهببرد
1065 سرانجامباد
1066 کم
1067 ----- diversity: 1.2
1068 ----- Generating with seed: "افشانند"
1069 "نشست"
1070 افشانند
1071 دهیبدست همیبرونشستبرخاستند
```


1072
1073 دوازنا لهبدخوی کهآورد چنی ناخترشناس
1074 چویرانشامید
1075 به ازانبندگان
1076 Epoch 6/15
1077
1078 32/5493 [.....] - ETA: 20s - loss
: 5.7320
1079 64/5493 [.....] - ETA: 20s - loss
: 5.4041
1080 96/5493 [.....] - ETA: 20s - loss
: 5.4229
1081 128/5493 [.....] - ETA: 19s - loss
: 5.4009
1082 160/5493 [.....] - ETA: 19s - loss
: 5.3455
1083 192/5493 [>.....] - ETA: 19s - loss
: 5.3978
1084 224/5493 [>.....] - ETA: 19s - loss
: 5.3511
1085 256/5493 [>.....] - ETA: 19s - loss
: 5.4039
1086 288/5493 [>.....] - ETA: 19s - loss
: 5.4095
1087 320/5493 [>.....] - ETA: 19s - loss
: 5.3591
1088 352/5493 [>.....] - ETA: 19s - loss
: 5.3605
1089 384/5493 [=>.....] - ETA: 19s - loss
: 5.3422
1090 416/5493 [=>.....] - ETA: 19s - loss
: 5.3516
1091 448/5493 [=>.....] - ETA: 18s - loss
: 5.3366
1092 480/5493 [=>.....] - ETA: 18s - loss
: 5.3229
1093 512/5493 [=>.....] - ETA: 18s - loss
: 5.3158
1094 544/5493 [=>.....] - ETA: 18s - loss
: 5.3265
1095 576/5493 [==>.....] - ETA: 18s - loss
: 5.3330
1096 608/5493 [==>.....] - ETA: 18s - loss
: 5.3365
1097 640/5493 [==>.....] - ETA: 18s - loss
: 5.3496
1098 672/5493 [==>.....] - ETA: 18s - loss
: 5.3498
1099 704/5493 [==>.....] - ETA: 18s - loss

```
1099 : 5.3749
1100 736/5493 [===>.....] - ETA: 17s - loss
      : 5.3978
1101 768/5493 [===>.....] - ETA: 17s - loss
      : 5.3983
1102 800/5493 [===>.....] - ETA: 17s - loss
      : 5.4164
1103 832/5493 [===>.....] - ETA: 17s - loss
      : 5.4316
1104 864/5493 [===>.....] - ETA: 17s - loss
      : 5.4469
1105 896/5493 [===>.....] - ETA: 17s - loss
      : 5.4663
1106 928/5493 [====>.....] - ETA: 17s - loss
      : 5.4779
1107 960/5493 [====>.....] - ETA: 17s - loss
      : 5.4909
1108 992/5493 [====>.....] - ETA: 16s - loss
      : 5.5080
1109 1024/5493 [====>.....] - ETA: 16s - loss
      : 5.5193
1110 1056/5493 [====>.....] - ETA: 16s - loss
      : 5.5345
1111 1088/5493 [====>.....] - ETA: 16s - loss
      : 5.5495
1112 1120/5493 [====>.....] - ETA: 16s - loss
      : 5.5614
1113 1152/5493 [====>.....] - ETA: 16s - loss
      : 5.5763
1114 1184/5493 [====>.....] - ETA: 16s - loss
      : 5.6116
1115 1216/5493 [====>.....] - ETA: 16s - loss
      : 5.6309
1116 1248/5493 [====>.....] - ETA: 15s - loss
      : 5.6471
1117 1280/5493 [====>.....] - ETA: 15s - loss
      : 5.6600
1118 1312/5493 [====>.....] - ETA: 15s - loss
      : 5.6700
1119 1344/5493 [====>.....] - ETA: 15s - loss
      : 5.6871
1120 1376/5493 [====>.....] - ETA: 15s - loss
      : 5.6965
1121 1408/5493 [====>.....] - ETA: 15s - loss
      : 5.7110
1122 1440/5493 [====>.....] - ETA: 15s - loss
      : 5.7246
1123 1472/5493 [====>.....] - ETA: 15s - loss
      : 5.7372
```

| | | | |
|------|-----------|---------------|-------------------|
| 1124 | 1504/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7384 | | |
| 1125 | 1536/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7548 | | |
| 1126 | 1568/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7692 | | |
| 1127 | 1600/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7814 | | |
| 1128 | 1632/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7936 | | |
| 1129 | 1664/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.8109 | | |
| 1130 | 1696/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.8134 | | |
| 1131 | 1728/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.8325 | | |
| 1132 | 1760/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.8432 | | |
| 1133 | 1792/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.8584 | | |
| 1134 | 1824/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.8780 | | |
| 1135 | 1856/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.8923 | | |
| 1136 | 1888/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.9053 | | |
| 1137 | 1920/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.9147 | | |
| 1138 | 1952/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.9278 | | |
| 1139 | 1984/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.9418 | | |
| 1140 | 2016/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.9585 | | |
| 1141 | 2048/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.9728 | | |
| 1142 | 2080/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.9815 | | |
| 1143 | 2112/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.9984 | | |
| 1144 | 2144/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 6.0106 | | |
| 1145 | 2176/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 6.0210 | | |
| 1146 | 2208/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 6.0330 | | |
| 1147 | 2240/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 6.0451 | | |
| 1148 | 2272/5493 | [=====>.....] | - ETA: 12s - loss |

```
1148 : 6.0575
1149 2304/5493 [=====>.....] - ETA: 12s - loss
      : 6.0725
1150 2336/5493 [=====>.....] - ETA: 11s - loss
      : 6.0910
1151 2368/5493 [=====>.....] - ETA: 11s - loss
      : 6.1044
1152 2400/5493 [=====>.....] - ETA: 11s - loss
      : 6.1178
1153 2432/5493 [=====>.....] - ETA: 11s - loss
      : 6.1316
1154 2464/5493 [=====>.....] - ETA: 11s - loss
      : 6.1447
1155 2496/5493 [=====>.....] - ETA: 11s - loss
      : 6.1585
1156 2528/5493 [=====>.....] - ETA: 11s - loss
      : 6.1717
1157 2560/5493 [=====>.....] - ETA: 11s - loss
      : 6.1862
1158 2592/5493 [=====>.....] - ETA: 10s - loss
      : 6.2002
1159 2624/5493 [=====>.....] - ETA: 10s - loss
      : 6.2108
1160 2656/5493 [=====>.....] - ETA: 10s - loss
      : 6.2252
1161 2688/5493 [=====>.....] - ETA: 10s - loss
      : 6.2370
1162 2720/5493 [=====>.....] - ETA: 10s - loss
      : 6.2524
1163 2752/5493 [=====>.....] - ETA: 10s - loss
      : 6.2655
1164 2784/5493 [=====>.....] - ETA: 10s - loss
      : 6.2782
1165 2816/5493 [=====>.....] - ETA: 10s - loss
      : 6.2901
1166 2848/5493 [=====>.....] - ETA: 9s - loss:
      6.3035
1167 2880/5493 [=====>.....] - ETA: 9s - loss:
      6.3179
1168 2912/5493 [=====>.....] - ETA: 9s - loss:
      6.3310
1169 2944/5493 [=====>.....] - ETA: 9s - loss:
      6.3441
1170 2976/5493 [=====>.....] - ETA: 9s - loss:
      6.3537
1171 3008/5493 [=====>.....] - ETA: 9s - loss:
      6.3677
1172 3040/5493 [=====>.....] - ETA: 9s - loss:
      6.3800
```

| | | | |
|------|-----------|---------------|-------------------|
| 1173 | 3072/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.3925 | | |
| 1174 | 3104/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4028 | | |
| 1175 | 3136/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4130 | | |
| 1176 | 3168/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4233 | | |
| 1177 | 3200/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4344 | | |
| 1178 | 3232/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4460 | | |
| 1179 | 3264/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4593 | | |
| 1180 | 3296/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4712 | | |
| 1181 | 3328/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4829 | | |
| 1182 | 3360/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4951 | | |
| 1183 | 3392/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5060 | | |
| 1184 | 3424/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5172 | | |
| 1185 | 3456/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5293 | | |
| 1186 | 3488/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5412 | | |
| 1187 | 3520/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5522 | | |
| 1188 | 3552/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5648 | | |
| 1189 | 3584/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5764 | | |
| 1190 | 3616/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5883 | | |
| 1191 | 3648/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5996 | | |
| 1192 | 3680/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6118 | | |
| 1193 | 3712/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6226 | | |
| 1194 | 3744/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6341 | | |
| 1195 | 3776/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6441 | | |
| 1196 | 3808/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6541 | | |
| 1197 | 3840/5493 | [=====>.....] | - ETA: 6s - loss: |

```
1197 6.6653
1198 3872/5493 [=====>.....] - ETA: 6s - loss:
      6.6754
1199 3904/5493 [=====>.....] - ETA: 5s - loss:
      6.6867
1200 3936/5493 [=====>.....] - ETA: 5s - loss:
      6.6967
1201 3968/5493 [=====>.....] - ETA: 5s - loss:
      6.7064
1202 4000/5493 [=====>.....] - ETA: 5s - loss:
      6.7163
1203 4032/5493 [=====>.....] - ETA: 5s - loss:
      6.7252
1204 4064/5493 [=====>.....] - ETA: 5s - loss:
      6.7364
1205 4096/5493 [=====>.....] - ETA: 5s - loss:
      6.7465
1206 4128/5493 [=====>.....] - ETA: 5s - loss:
      6.7575
1207 4160/5493 [=====>.....] - ETA: 4s - loss:
      6.7678
1208 4192/5493 [=====>.....] - ETA: 4s - loss:
      6.7778
1209 4224/5493 [=====>.....] - ETA: 4s - loss:
      6.7872
1210 4256/5493 [=====>.....] - ETA: 4s - loss:
      6.7971
1211 4288/5493 [=====>.....] - ETA: 4s - loss:
      6.8056
1212 4320/5493 [=====>.....] - ETA: 4s - loss:
      6.8156
1213 4352/5493 [=====>.....] - ETA: 4s - loss:
      6.8248
1214 4384/5493 [=====>.....] - ETA: 4s - loss:
      6.8334
1215 4416/5493 [=====>.....] - ETA: 4s - loss:
      6.8410
1216 4448/5493 [=====>.....] - ETA: 3s - loss:
      6.8498
1217 4480/5493 [=====>.....] - ETA: 3s - loss:
      6.8591
1218 4512/5493 [=====>.....] - ETA: 3s - loss:
      6.8675
1219 4544/5493 [=====>.....] - ETA: 3s - loss:
      6.8769
1220 4576/5493 [=====>.....] - ETA: 3s - loss:
      6.8859
1221 4608/5493 [=====>.....] - ETA: 3s - loss:
      6.8948
```

| | | | |
|------|-----------|---------------|-------------------|
| 1222 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9038 | | |
| 1223 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9131 | | |
| 1224 | 4704/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9215 | | |
| 1225 | 4736/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9310 | | |
| 1226 | 4768/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9393 | | |
| 1227 | 4800/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9475 | | |
| 1228 | 4832/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9564 | | |
| 1229 | 4864/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9647 | | |
| 1230 | 4896/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9731 | | |
| 1231 | 4928/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9814 | | |
| 1232 | 4960/5493 | [=====>...] | - ETA: 1s - loss: |
| | 6.9900 | | |
| 1233 | 4992/5493 | [=====>...] | - ETA: 1s - loss: |
| | 6.9983 | | |
| 1234 | 5024/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.0071 | | |
| 1235 | 5056/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.0151 | | |
| 1236 | 5088/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.0231 | | |
| 1237 | 5120/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.0320 | | |
| 1238 | 5152/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.0400 | | |
| 1239 | 5184/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.0486 | | |
| 1240 | 5216/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.0562 | | |
| 1241 | 5248/5493 | [=====>..] | - ETA: 0s - loss: |
| | 7.0644 | | |
| 1242 | 5280/5493 | [=====>..] | - ETA: 0s - loss: |
| | 7.0720 | | |
| 1243 | 5312/5493 | [=====>.] | - ETA: 0s - loss: |
| | 7.0796 | | |
| 1244 | 5344/5493 | [=====>.] | - ETA: 0s - loss: |
| | 7.0874 | | |
| 1245 | 5376/5493 | [=====>.] | - ETA: 0s - loss: |
| | 7.0952 | | |
| 1246 | 5408/5493 | [=====>.] | - ETA: 0s - loss: |

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1246 7.1024
1247 5440/5493 [=====>.] - ETA: 0s - loss:
7.1098
1248 5472/5493 [=====>.] - ETA: 0s - loss:
7.1172
1249 5493/5493 [=====] - 21s 4ms/step -
loss: 7.1224
1250
1251 ----- Generating text after Epoch: 5
1252 ----- diversity: 0.2
1253 ----- Generating with seed: "اوگشت"
1254 زبند زبازاد پسانگاہبازبامبازاد اوگشتبداد
1255 ببینم زاندر ا شببازاد شبباش برانباش
1256 ----- diversity: 0.5
1257 ----- Generating with seed: "اوچشم"
1258 بفرمود آزادہ خوی اوچشما فراختند بلخ
1259 فرستاد براند
1260 نخست بدن
1261 چنین برانگیختن
1262 توبد امبرد بہبانژاد
1263 فکند میببست
1264 ----- diversity: 1.0
1265 ----- Generating with seed: "اوژنا"
1266 نہ
1267 اوژنا
1268 نہانارایآمدست نہایمنی
1269 ازاندران
1270 یکیبخواہ
1271 چرا برگذشت
1272 بسیآسمان
1273 برینآب منبشہر
1274 بشد آفتاب
1275 ہرانکس
1276 ----- diversity: 1.2
1277 ----- Generating with seed: "اوکشتہ"
1278 سربرت اوکشتہآب
1279 وایزدی
1280 سرایرانیان کسیرکشید درختبخواہ چہآزاد آورند
1281 چوبشنوی اگریدی
1282 جہاندار
1283 Epoch 7/15
1284
1285 32/5493 [.....] - ETA: 20s - loss
: 5.3433
1286 64/5493 [.....] - ETA: 20s - loss
: 5.1344
1287 96/5493 [.....] - ETA: 20s - loss
: 5.0045
1288 128/5493 [.....] - ETA: 20s - loss

```



```
1288 : 5.0264
1289 160/5493 [.....] - ETA: 20s - loss
      : 4.9737
1290 192/5493 [>.....] - ETA: 19s - loss
      : 4.9399
1291 224/5493 [>.....] - ETA: 19s - loss
      : 4.9241
1292 256/5493 [>.....] - ETA: 19s - loss
      : 4.9752
1293 288/5493 [>.....] - ETA: 19s - loss
      : 4.9653
1294 320/5493 [>.....] - ETA: 19s - loss
      : 5.0052
1295 352/5493 [>.....] - ETA: 20s - loss
      : 5.0209
1296 384/5493 [=>.....] - ETA: 20s - loss
      : 5.0195
1297 416/5493 [=>.....] - ETA: 19s - loss
      : 5.0562
1298 448/5493 [=>.....] - ETA: 19s - loss
      : 5.0609
1299 480/5493 [=>.....] - ETA: 19s - loss
      : 5.0600
1300 512/5493 [=>.....] - ETA: 19s - loss
      : 5.1067
1301 544/5493 [=>.....] - ETA: 19s - loss
      : 5.1038
1302 576/5493 [==>.....] - ETA: 19s - loss
      : 5.1070
1303 608/5493 [==>.....] - ETA: 18s - loss
      : 5.1170
1304 640/5493 [==>.....] - ETA: 18s - loss
      : 5.1104
1305 672/5493 [==>.....] - ETA: 18s - loss
      : 5.1015
1306 704/5493 [==>.....] - ETA: 18s - loss
      : 5.1089
1307 736/5493 [===>.....] - ETA: 18s - loss
      : 5.1147
1308 768/5493 [===>.....] - ETA: 18s - loss
      : 5.1178
1309 800/5493 [===>.....] - ETA: 17s - loss
      : 5.1239
1310 832/5493 [===>.....] - ETA: 17s - loss
      : 5.1264
1311 864/5493 [===>.....] - ETA: 17s - loss
      : 5.1381
1312 896/5493 [===>.....] - ETA: 17s - loss
      : 5.1628
```

| | | | |
|------|-----------|--------------|-------------------|
| 1313 | 928/5493 | [====>.....] | - ETA: 17s - loss |
| | : 5.1654 | | |
| 1314 | 960/5493 | [====>.....] | - ETA: 17s - loss |
| | : 5.1833 | | |
| 1315 | 992/5493 | [====>.....] | - ETA: 17s - loss |
| | : 5.1955 | | |
| 1316 | 1024/5493 | [====>.....] | - ETA: 17s - loss |
| | : 5.2163 | | |
| 1317 | 1056/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2320 | | |
| 1318 | 1088/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2402 | | |
| 1319 | 1120/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2534 | | |
| 1320 | 1152/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2643 | | |
| 1321 | 1184/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2808 | | |
| 1322 | 1216/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2940 | | |
| 1323 | 1248/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.3146 | | |
| 1324 | 1280/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.3276 | | |
| 1325 | 1312/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.3507 | | |
| 1326 | 1344/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.3671 | | |
| 1327 | 1376/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.3908 | | |
| 1328 | 1408/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.4063 | | |
| 1329 | 1440/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.4243 | | |
| 1330 | 1472/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.4418 | | |
| 1331 | 1504/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.4558 | | |
| 1332 | 1536/5493 | [====>.....] | - ETA: 14s - loss |
| | : 5.4734 | | |
| 1333 | 1568/5493 | [====>.....] | - ETA: 14s - loss |
| | : 5.4902 | | |
| 1334 | 1600/5493 | [====>.....] | - ETA: 14s - loss |
| | : 5.5117 | | |
| 1335 | 1632/5493 | [====>.....] | - ETA: 14s - loss |
| | : 5.5322 | | |
| 1336 | 1664/5493 | [====>.....] | - ETA: 14s - loss |
| | : 5.5430 | | |
| 1337 | 1696/5493 | [====>.....] | - ETA: 14s - loss |

```
1337 : 5.5621
1338 1728/5493 [=====>.....] - ETA: 14s - loss
      : 5.5735
1339 1760/5493 [=====>.....] - ETA: 14s - loss
      : 5.5917
1340 1792/5493 [=====>.....] - ETA: 13s - loss
      : 5.6050
1341 1824/5493 [=====>.....] - ETA: 13s - loss
      : 5.6205
1342 1856/5493 [=====>.....] - ETA: 13s - loss
      : 5.6319
1343 1888/5493 [=====>.....] - ETA: 13s - loss
      : 5.6465
1344 1920/5493 [=====>.....] - ETA: 13s - loss
      : 5.6630
1345 1952/5493 [=====>.....] - ETA: 13s - loss
      : 5.6810
1346 1984/5493 [=====>.....] - ETA: 13s - loss
      : 5.6985
1347 2016/5493 [=====>.....] - ETA: 13s - loss
      : 5.7143
1348 2048/5493 [=====>.....] - ETA: 13s - loss
      : 5.7316
1349 2080/5493 [=====>.....] - ETA: 12s - loss
      : 5.7433
1350 2112/5493 [=====>.....] - ETA: 12s - loss
      : 5.7570
1351 2144/5493 [=====>.....] - ETA: 12s - loss
      : 5.7761
1352 2176/5493 [=====>.....] - ETA: 12s - loss
      : 5.7917
1353 2208/5493 [=====>.....] - ETA: 12s - loss
      : 5.8090
1354 2240/5493 [=====>.....] - ETA: 12s - loss
      : 5.8266
1355 2272/5493 [=====>.....] - ETA: 12s - loss
      : 5.8410
1356 2304/5493 [=====>.....] - ETA: 12s - loss
      : 5.8608
1357 2336/5493 [=====>.....] - ETA: 11s - loss
      : 5.8713
1358 2368/5493 [=====>.....] - ETA: 11s - loss
      : 5.8918
1359 2400/5493 [=====>.....] - ETA: 11s - loss
      : 5.9050
1360 2432/5493 [=====>.....] - ETA: 11s - loss
      : 5.9240
1361 2464/5493 [=====>.....] - ETA: 11s - loss
      : 5.9392
```

```
1362 2496/5493 [=====>.....] - ETA: 11s - loss
      : 5.9549
1363 2528/5493 [=====>.....] - ETA: 11s - loss
      : 5.9726
1364 2560/5493 [=====>.....] - ETA: 11s - loss
      : 5.9912
1365 2592/5493 [=====>.....] - ETA: 10s - loss
      : 6.0075
1366 2624/5493 [=====>.....] - ETA: 10s - loss
      : 6.0273
1367 2656/5493 [=====>.....] - ETA: 10s - loss
      : 6.0423
1368 2688/5493 [=====>.....] - ETA: 10s - loss
      : 6.0591
1369 2720/5493 [=====>.....] - ETA: 10s - loss
      : 6.0730
1370 2752/5493 [=====>.....] - ETA: 10s - loss
      : 6.0893
1371 2784/5493 [=====>.....] - ETA: 10s - loss
      : 6.1043
1372 2816/5493 [=====>.....] - ETA: 10s - loss
      : 6.1218
1373 2848/5493 [=====>.....] - ETA: 9s - loss:
      6.1348
1374 2880/5493 [=====>.....] - ETA: 9s - loss:
      6.1491
1375 2912/5493 [=====>.....] - ETA: 9s - loss:
      6.1636
1376 2944/5493 [=====>.....] - ETA: 9s - loss:
      6.1772
1377 2976/5493 [=====>.....] - ETA: 9s - loss:
      6.1904
1378 3008/5493 [=====>.....] - ETA: 9s - loss:
      6.2031
1379 3040/5493 [=====>.....] - ETA: 9s - loss:
      6.2184
1380 3072/5493 [=====>.....] - ETA: 9s - loss:
      6.2293
1381 3104/5493 [=====>.....] - ETA: 8s - loss:
      6.2459
1382 3136/5493 [=====>.....] - ETA: 8s - loss:
      6.2600
1383 3168/5493 [=====>.....] - ETA: 8s - loss:
      6.2745
1384 3200/5493 [=====>.....] - ETA: 8s - loss:
      6.2871
1385 3232/5493 [=====>.....] - ETA: 8s - loss:
      6.2989
1386 3264/5493 [=====>.....] - ETA: 8s - loss:
```

```
1386 6.3115
1387 3296/5493 [=====>.....] - ETA: 8s - loss:
      6.3264
1388 3328/5493 [=====>.....] - ETA: 8s - loss:
      6.3417
1389 3360/5493 [=====>.....] - ETA: 8s - loss:
      6.3544
1390 3392/5493 [=====>.....] - ETA: 7s - loss:
      6.3672
1391 3424/5493 [=====>.....] - ETA: 7s - loss:
      6.3807
1392 3456/5493 [=====>.....] - ETA: 7s - loss:
      6.3925
1393 3488/5493 [=====>.....] - ETA: 7s - loss:
      6.4057
1394 3520/5493 [=====>.....] - ETA: 7s - loss:
      6.4183
1395 3552/5493 [=====>.....] - ETA: 7s - loss:
      6.4315
1396 3584/5493 [=====>.....] - ETA: 7s - loss:
      6.4447
1397 3616/5493 [=====>.....] - ETA: 7s - loss:
      6.4569
1398 3648/5493 [=====>.....] - ETA: 6s - loss:
      6.4697
1399 3680/5493 [=====>.....] - ETA: 6s - loss:
      6.4822
1400 3712/5493 [=====>.....] - ETA: 6s - loss:
      6.4938
1401 3744/5493 [=====>.....] - ETA: 6s - loss:
      6.5060
1402 3776/5493 [=====>.....] - ETA: 6s - loss:
      6.5178
1403 3808/5493 [=====>.....] - ETA: 6s - loss:
      6.5297
1404 3840/5493 [=====>.....] - ETA: 6s - loss:
      6.5414
1405 3872/5493 [=====>.....] - ETA: 6s - loss:
      6.5537
1406 3904/5493 [=====>.....] - ETA: 5s - loss:
      6.5658
1407 3936/5493 [=====>.....] - ETA: 5s - loss:
      6.5765
1408 3968/5493 [=====>.....] - ETA: 5s - loss:
      6.5879
1409 4000/5493 [=====>.....] - ETA: 5s - loss:
      6.5996
1410 4032/5493 [=====>.....] - ETA: 5s - loss:
      6.6100
```

| | | | |
|------|-----------|---------------|-------------------|
| 1411 | 4064/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6215 | | |
| 1412 | 4096/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6317 | | |
| 1413 | 4128/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6422 | | |
| 1414 | 4160/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6540 | | |
| 1415 | 4192/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.6655 | | |
| 1416 | 4224/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.6777 | | |
| 1417 | 4256/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.6895 | | |
| 1418 | 4288/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7012 | | |
| 1419 | 4320/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7125 | | |
| 1420 | 4352/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7238 | | |
| 1421 | 4384/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7343 | | |
| 1422 | 4416/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7445 | | |
| 1423 | 4448/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.7547 | | |
| 1424 | 4480/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.7649 | | |
| 1425 | 4512/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.7761 | | |
| 1426 | 4544/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.7860 | | |
| 1427 | 4576/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.7949 | | |
| 1428 | 4608/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8046 | | |
| 1429 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8144 | | |
| 1430 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8238 | | |
| 1431 | 4704/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.8343 | | |
| 1432 | 4736/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.8434 | | |
| 1433 | 4768/5493 | [=====>....] | - ETA: 2s - loss: |
| | 6.8541 | | |
| 1434 | 4800/5493 | [=====>....] | - ETA: 2s - loss: |
| | 6.8634 | | |
| 1435 | 4832/5493 | [=====>....] | - ETA: 2s - loss: |

```
1435 6.8737
1436 4864/5493 [=====>....] - ETA: 2s - loss:
      6.8831
1437 4896/5493 [=====>....] - ETA: 2s - loss:
      6.8924
1438 4928/5493 [=====>....] - ETA: 2s - loss:
      6.9018
1439 4960/5493 [=====>...] - ETA: 2s - loss:
      6.9115
1440 4992/5493 [=====>...] - ETA: 1s - loss:
      6.9202
1441 5024/5493 [=====>...] - ETA: 1s - loss:
      6.9288
1442 5056/5493 [=====>...] - ETA: 1s - loss:
      6.9380
1443 5088/5493 [=====>...] - ETA: 1s - loss:
      6.9472
1444 5120/5493 [=====>...] - ETA: 1s - loss:
      6.9561
1445 5152/5493 [=====>..] - ETA: 1s - loss:
      6.9648
1446 5184/5493 [=====>..] - ETA: 1s - loss:
      6.9734
1447 5216/5493 [=====>..] - ETA: 1s - loss:
      6.9815
1448 5248/5493 [=====>..] - ETA: 0s - loss:
      6.9898
1449 5280/5493 [=====>..] - ETA: 0s - loss:
      6.9986
1450 5312/5493 [=====>.] - ETA: 0s - loss:
      7.0073
1451 5344/5493 [=====>.] - ETA: 0s - loss:
      7.0156
1452 5376/5493 [=====>.] - ETA: 0s - loss:
      7.0257
1453 5408/5493 [=====>.] - ETA: 0s - loss:
      7.0361
1454 5440/5493 [=====>.] - ETA: 0s - loss:
      7.0459
1455 5472/5493 [=====>.] - ETA: 0s - loss:
      7.0549
1456 5493/5493 [=====] - 21s 4ms/step -
      loss: 7.0604
1457
1458 ----- Generating text after Epoch: 6
1459 ----- diversity: 0.2
1460 ----- Generating with seed: "آورم"
1461 "ازین"
1462 "آورم"
```

1463 باسبشامیدوارازینبردداشتند
 1464 وگربسر زمانهآز نهادندآوری جهانداربسر باسبشبدیچنینبردداشتند
 زمانه زمانهآوری نهادندآوری
 1465 ----- diversity: 0.5
 1466 ----- Generating with seed: "آورم"
 1467 ازان"
 1468 آورم
 1469 بشوریدبرآفرینباک چرابجشنآب میانبروی ازانبخت
 1470 اگرافسرشپراگندهبشمرد
 1471 خروشیبرانگیختشدتنان
 1472 ----- diversity: 1.0
 1473 ----- Generating with seed: "آورم" همه
 1474 همهبرانداورم
 1475
 1476 بگوشیدنشبست بیارایببالدبجنگبپایانارجمند کسیآسمان چوآفرید
 1477 کزانبدست برانبن نخستیناوست
 1478 مگر
 1479 ----- diversity: 1.2
 1480 ----- Generating with seed: "آورم"
 1481 ازین"
 1482 آورم
 1483 بشدبرانند سپارمبرنشست ازینبست
 1484 سخنهایبرگزید کهبرنورددبرخواندند
 1485 یلانبانگ
 1486 کسبش
 1487 ابابفرمانجهانبرشهریار
 1488 Epoch 8/15
 1489
 1490 32/5493 [.....] - ETA: 20s - loss
 : 5.3763
 1491 64/5493 [.....] - ETA: 20s - loss
 : 5.2356
 1492 96/5493 [.....] - ETA: 20s - loss
 : 5.0811
 1493 128/5493 [.....] - ETA: 19s - loss
 : 4.9874
 1494 160/5493 [.....] - ETA: 19s - loss
 : 5.0325
 1495 192/5493 [>.....] - ETA: 19s - loss
 : 4.9537
 1496 224/5493 [>.....] - ETA: 19s - loss
 : 4.9417
 1497 256/5493 [>.....] - ETA: 19s - loss
 : 4.9180
 1498 288/5493 [>.....] - ETA: 19s - loss
 : 4.9108
 1499 320/5493 [>.....] - ETA: 19s - loss
 : 4.8957
 1500 352/5493 [>.....] - ETA: 19s - loss


```
1500 : 4.9119
1501 384/5493 [=>.....] - ETA: 19s - loss
      : 4.9221
1502 416/5493 [=>.....] - ETA: 19s - loss
      : 4.9188
1503 448/5493 [=>.....] - ETA: 18s - loss
      : 4.9305
1504 480/5493 [=>.....] - ETA: 18s - loss
      : 4.9544
1505 512/5493 [=>.....] - ETA: 18s - loss
      : 4.9759
1506 544/5493 [=>.....] - ETA: 18s - loss
      : 4.9549
1507 576/5493 [==>.....] - ETA: 18s - loss
      : 4.9833
1508 608/5493 [==>.....] - ETA: 18s - loss
      : 4.9950
1509 640/5493 [==>.....] - ETA: 18s - loss
      : 5.0090
1510 672/5493 [==>.....] - ETA: 18s - loss
      : 5.0058
1511 704/5493 [==>.....] - ETA: 18s - loss
      : 5.0252
1512 736/5493 [===>.....] - ETA: 18s - loss
      : 5.0349
1513 768/5493 [===>.....] - ETA: 18s - loss
      : 5.0400
1514 800/5493 [===>.....] - ETA: 18s - loss
      : 5.0538
1515 832/5493 [===>.....] - ETA: 17s - loss
      : 5.0665
1516 864/5493 [===>.....] - ETA: 17s - loss
      : 5.0893
1517 896/5493 [===>.....] - ETA: 17s - loss
      : 5.0937
1518 928/5493 [====>.....] - ETA: 17s - loss
      : 5.1151
1519 960/5493 [====>.....] - ETA: 17s - loss
      : 5.1348
1520 992/5493 [====>.....] - ETA: 17s - loss
      : 5.1495
1521 1024/5493 [====>.....] - ETA: 17s - loss
      : 5.1579
1522 1056/5493 [====>.....] - ETA: 17s - loss
      : 5.1693
1523 1088/5493 [====>.....] - ETA: 17s - loss
      : 5.1994
1524 1120/5493 [=====>.....] - ETA: 16s - loss
      : 5.2225
```

| | | | |
|------|-----------|---------------|-------------------|
| 1525 | 1152/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.2429 | | |
| 1526 | 1184/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.2648 | | |
| 1527 | 1216/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.2789 | | |
| 1528 | 1248/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.2938 | | |
| 1529 | 1280/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.3099 | | |
| 1530 | 1312/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.3275 | | |
| 1531 | 1344/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3520 | | |
| 1532 | 1376/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3758 | | |
| 1533 | 1408/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3960 | | |
| 1534 | 1440/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4046 | | |
| 1535 | 1472/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4234 | | |
| 1536 | 1504/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4422 | | |
| 1537 | 1536/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4533 | | |
| 1538 | 1568/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4791 | | |
| 1539 | 1600/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5031 | | |
| 1540 | 1632/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5187 | | |
| 1541 | 1664/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5313 | | |
| 1542 | 1696/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5485 | | |
| 1543 | 1728/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5720 | | |
| 1544 | 1760/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5961 | | |
| 1545 | 1792/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.6143 | | |
| 1546 | 1824/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.6288 | | |
| 1547 | 1856/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6481 | | |
| 1548 | 1888/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6628 | | |
| 1549 | 1920/5493 | [=====>.....] | - ETA: 13s - loss |

```
1549 : 5.6773
1550 1952/5493 [=====>.....] - ETA: 13s - loss
      : 5.6950
1551 1984/5493 [=====>.....] - ETA: 13s - loss
      : 5.7117
1552 2016/5493 [=====>.....] - ETA: 13s - loss
      : 5.7211
1553 2048/5493 [=====>.....] - ETA: 13s - loss
      : 5.7379
1554 2080/5493 [=====>.....] - ETA: 13s - loss
      : 5.7580
1555 2112/5493 [=====>.....] - ETA: 12s - loss
      : 5.7712
1556 2144/5493 [=====>.....] - ETA: 12s - loss
      : 5.7912
1557 2176/5493 [=====>.....] - ETA: 12s - loss
      : 5.8033
1558 2208/5493 [=====>.....] - ETA: 12s - loss
      : 5.8230
1559 2240/5493 [=====>.....] - ETA: 12s - loss
      : 5.8353
1560 2272/5493 [=====>.....] - ETA: 12s - loss
      : 5.8484
1561 2304/5493 [=====>.....] - ETA: 12s - loss
      : 5.8677
1562 2336/5493 [=====>.....] - ETA: 12s - loss
      : 5.8850
1563 2368/5493 [=====>.....] - ETA: 11s - loss
      : 5.9030
1564 2400/5493 [=====>.....] - ETA: 11s - loss
      : 5.9162
1565 2432/5493 [=====>.....] - ETA: 11s - loss
      : 5.9335
1566 2464/5493 [=====>.....] - ETA: 11s - loss
      : 5.9478
1567 2496/5493 [=====>.....] - ETA: 11s - loss
      : 5.9634
1568 2528/5493 [=====>.....] - ETA: 11s - loss
      : 5.9821
1569 2560/5493 [=====>.....] - ETA: 11s - loss
      : 5.9988
1570 2592/5493 [=====>.....] - ETA: 11s - loss
      : 6.0146
1571 2624/5493 [=====>.....] - ETA: 10s - loss
      : 6.0298
1572 2656/5493 [=====>.....] - ETA: 10s - loss
      : 6.0461
1573 2688/5493 [=====>.....] - ETA: 10s - loss
      : 6.0594
```

```
1574 2720/5493 [=====>.....] - ETA: 10s - loss
      : 6.0729
1575 2752/5493 [=====>.....] - ETA: 10s - loss
      : 6.0887
1576 2784/5493 [=====>.....] - ETA: 10s - loss
      : 6.1031
1577 2816/5493 [=====>.....] - ETA: 10s - loss
      : 6.1216
1578 2848/5493 [=====>.....] - ETA: 10s - loss
      : 6.1346
1579 2880/5493 [=====>.....] - ETA: 9s - loss:
      6.1496
1580 2912/5493 [=====>.....] - ETA: 9s - loss:
      6.1659
1581 2944/5493 [=====>.....] - ETA: 9s - loss:
      6.1784
1582 2976/5493 [=====>.....] - ETA: 9s - loss:
      6.1925
1583 3008/5493 [=====>.....] - ETA: 9s - loss:
      6.2066
1584 3040/5493 [=====>.....] - ETA: 9s - loss:
      6.2226
1585 3072/5493 [=====>.....] - ETA: 9s - loss:
      6.2350
1586 3104/5493 [=====>.....] - ETA: 9s - loss:
      6.2518
1587 3136/5493 [=====>.....] - ETA: 9s - loss:
      6.2663
1588 3168/5493 [=====>.....] - ETA: 8s - loss:
      6.2805
1589 3200/5493 [=====>.....] - ETA: 8s - loss:
      6.2929
1590 3232/5493 [=====>.....] - ETA: 8s - loss:
      6.3058
1591 3264/5493 [=====>.....] - ETA: 8s - loss:
      6.3191
1592 3296/5493 [=====>.....] - ETA: 8s - loss:
      6.3323
1593 3328/5493 [=====>.....] - ETA: 8s - loss:
      6.3458
1594 3360/5493 [=====>.....] - ETA: 8s - loss:
      6.3591
1595 3392/5493 [=====>.....] - ETA: 8s - loss:
      6.3726
1596 3424/5493 [=====>.....] - ETA: 7s - loss:
      6.3872
1597 3456/5493 [=====>.....] - ETA: 7s - loss:
      6.4010
1598 3488/5493 [=====>.....] - ETA: 7s - loss:
```

```
1598 6.4152
1599 3520/5493 [=====>.....] - ETA: 7s - loss:
      6.4276
1600 3552/5493 [=====>.....] - ETA: 7s - loss:
      6.4414
1601 3584/5493 [=====>.....] - ETA: 7s - loss:
      6.4541
1602 3616/5493 [=====>.....] - ETA: 7s - loss:
      6.4675
1603 3648/5493 [=====>.....] - ETA: 7s - loss:
      6.4810
1604 3680/5493 [=====>.....] - ETA: 6s - loss:
      6.4933
1605 3712/5493 [=====>.....] - ETA: 6s - loss:
      6.5060
1606 3744/5493 [=====>.....] - ETA: 6s - loss:
      6.5191
1607 3776/5493 [=====>.....] - ETA: 6s - loss:
      6.5326
1608 3808/5493 [=====>.....] - ETA: 6s - loss:
      6.5468
1609 3840/5493 [=====>.....] - ETA: 6s - loss:
      6.5602
1610 3872/5493 [=====>.....] - ETA: 6s - loss:
      6.5729
1611 3904/5493 [=====>.....] - ETA: 6s - loss:
      6.5866
1612 3936/5493 [=====>.....] - ETA: 5s - loss:
      6.5993
1613 3968/5493 [=====>.....] - ETA: 5s - loss:
      6.6113
1614 4000/5493 [=====>.....] - ETA: 5s - loss:
      6.6224
1615 4032/5493 [=====>.....] - ETA: 5s - loss:
      6.6336
1616 4064/5493 [=====>.....] - ETA: 5s - loss:
      6.6451
1617 4096/5493 [=====>.....] - ETA: 5s - loss:
      6.6556
1618 4128/5493 [=====>.....] - ETA: 5s - loss:
      6.6663
1619 4160/5493 [=====>.....] - ETA: 5s - loss:
      6.6769
1620 4192/5493 [=====>.....] - ETA: 4s - loss:
      6.6869
1621 4224/5493 [=====>.....] - ETA: 4s - loss:
      6.6972
1622 4256/5493 [=====>.....] - ETA: 4s - loss:
      6.7098
```

| | | | |
|------|-----------|---------------|-------------------|
| 1623 | 4288/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7204 | | |
| 1624 | 4320/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7315 | | |
| 1625 | 4352/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7420 | | |
| 1626 | 4384/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7526 | | |
| 1627 | 4416/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7632 | | |
| 1628 | 4448/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.7752 | | |
| 1629 | 4480/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.7868 | | |
| 1630 | 4512/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.7964 | | |
| 1631 | 4544/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8071 | | |
| 1632 | 4576/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8175 | | |
| 1633 | 4608/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8278 | | |
| 1634 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8385 | | |
| 1635 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8482 | | |
| 1636 | 4704/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8589 | | |
| 1637 | 4736/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.8694 | | |
| 1638 | 4768/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.8786 | | |
| 1639 | 4800/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.8885 | | |
| 1640 | 4832/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.8986 | | |
| 1641 | 4864/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9086 | | |
| 1642 | 4896/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9185 | | |
| 1643 | 4928/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9282 | | |
| 1644 | 4960/5493 | [=====>...] | - ETA: 2s - loss: |
| | 6.9371 | | |
| 1645 | 4992/5493 | [=====>...] | - ETA: 1s - loss: |
| | 6.9465 | | |
| 1646 | 5024/5493 | [=====>...] | - ETA: 1s - loss: |
| | 6.9558 | | |
| 1647 | 5056/5493 | [=====>...] | - ETA: 1s - loss: |

```
1647 6.9639
1648 5088/5493 [=====>...] - ETA: 1s - loss:
      6.9730
1649 5120/5493 [=====>...] - ETA: 1s - loss:
      6.9828
1650 5152/5493 [=====>..] - ETA: 1s - loss:
      6.9919
1651 5184/5493 [=====>..] - ETA: 1s - loss:
      7.0020
1652 5216/5493 [=====>..] - ETA: 1s - loss:
      7.0118
1653 5248/5493 [=====>..] - ETA: 0s - loss:
      7.0212
1654 5280/5493 [=====>..] - ETA: 0s - loss:
      7.0301
1655 5312/5493 [=====>.] - ETA: 0s - loss:
      7.0382
1656 5344/5493 [=====>.] - ETA: 0s - loss:
      7.0473
1657 5376/5493 [=====>.] - ETA: 0s - loss:
      7.0560
1658 5408/5493 [=====>.] - ETA: 0s - loss:
      7.0639
1659 5440/5493 [=====>.] - ETA: 0s - loss:
      7.0727
1660 5472/5493 [=====>.] - ETA: 0s - loss:
      7.0818
1661 5493/5493 [=====] - 21s 4ms/step -
      loss: 7.0877
1662
1663 ----- Generating text after Epoch: 7
1664 ----- diversity: 0.2
1665 ----- Generating with seed: "بماند" جهانداران
1666 جهانداران بگفتی بماند
1667 نهانی بگفتی زباز آمدند
1668 زانچمن
1669 نخستین برگزیده بگفتی
1670 زبجای
1671 وگرفتگی
1672 زبجای
1673 وگرفتگی
1674 ----- diversity: 0.5
1675 ----- Generating with seed: "بماند" دلیران
1676 دلیران بروی بماند
1677 نگیرند آختن هر آنکس با گهر
1678 زنا بنوس
1679 خروشدن بر خواندند
1680 چوبدست
1681 روان بران زمین آیمش او هنرمند آورید
```

```

1682 ----- diversity: 1.0
1683 ----- Generating with seed: "جهان آفرین"
1684 پرو بیاراستافراسیاب نهبرگشاد شگفتیافسوس جهان آفرینبر بماند
      نهبند چوبزم
1685 نهبر کهبافسوس
1686 همان برآمدبرکشید
1687 ----- diversity: 1.2
1688 ----- Generating with seed: "بماند" زواره
1689 زوارهبرفروخت بماند
1690 خروشیاستوار
1691 بگویماندران
1692 زاخترشناس همیبازگرددبرمنش برفتنبرنهادبرندبهرهه چنیآمدش
1693 وزو کهبردارکن
1694 Epoch 9/15
1695
1696 32/5493 [.....] - ETA: 20s - loss
      : 5.6610
1697 64/5493 [.....] - ETA: 19s - loss
      : 5.2604
1698 96/5493 [.....] - ETA: 19s - loss
      : 5.0653
1699 128/5493 [.....] - ETA: 19s - loss
      : 4.9401
1700 160/5493 [.....] - ETA: 19s - loss
      : 4.9671
1701 192/5493 [>.....] - ETA: 19s - loss
      : 4.9699
1702 224/5493 [>.....] - ETA: 19s - loss
      : 4.9519
1703 256/5493 [>.....] - ETA: 19s - loss
      : 4.9161
1704 288/5493 [>.....] - ETA: 19s - loss
      : 4.9191
1705 320/5493 [>.....] - ETA: 19s - loss
      : 4.9421
1706 352/5493 [>.....] - ETA: 18s - loss
      : 4.9369
1707 384/5493 [=>.....] - ETA: 18s - loss
      : 4.9643
1708 416/5493 [=>.....] - ETA: 18s - loss
      : 4.9893
1709 448/5493 [=>.....] - ETA: 18s - loss
      : 4.9824
1710 480/5493 [=>.....] - ETA: 18s - loss
      : 4.9821
1711 512/5493 [=>.....] - ETA: 18s - loss
      : 4.9912
1712 544/5493 [=>.....] - ETA: 18s - loss
      : 5.0200

```


| | | | |
|------|-----------|---------------|-------------------|
| 1713 | 576/5493 | [==>.....] | - ETA: 18s - loss |
| | : 5.0237 | | |
| 1714 | 608/5493 | [==>.....] | - ETA: 18s - loss |
| | : 5.0156 | | |
| 1715 | 640/5493 | [==>.....] | - ETA: 17s - loss |
| | : 5.0171 | | |
| 1716 | 672/5493 | [==>.....] | - ETA: 17s - loss |
| | : 5.0214 | | |
| 1717 | 704/5493 | [==>.....] | - ETA: 17s - loss |
| | : 5.0351 | | |
| 1718 | 736/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0522 | | |
| 1719 | 768/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0566 | | |
| 1720 | 800/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0721 | | |
| 1721 | 832/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0917 | | |
| 1722 | 864/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.1063 | | |
| 1723 | 896/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.1157 | | |
| 1724 | 928/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.1493 | | |
| 1725 | 960/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.1547 | | |
| 1726 | 992/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.1766 | | |
| 1727 | 1024/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2025 | | |
| 1728 | 1056/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2242 | | |
| 1729 | 1088/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2332 | | |
| 1730 | 1120/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.2433 | | |
| 1731 | 1152/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.2570 | | |
| 1732 | 1184/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.2693 | | |
| 1733 | 1216/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.2855 | | |
| 1734 | 1248/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3038 | | |
| 1735 | 1280/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3309 | | |
| 1736 | 1312/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3352 | | |
| 1737 | 1344/5493 | [=====>.....] | - ETA: 15s - loss |

```
1737 : 5.3629
1738 1376/5493 [=====>.....] - ETA: 15s - loss
      : 5.3770
1739 1408/5493 [=====>.....] - ETA: 15s - loss
      : 5.3972
1740 1440/5493 [=====>.....] - ETA: 15s - loss
      : 5.4112
1741 1472/5493 [=====>.....] - ETA: 15s - loss
      : 5.4283
1742 1504/5493 [=====>.....] - ETA: 14s - loss
      : 5.4391
1743 1536/5493 [=====>.....] - ETA: 14s - loss
      : 5.4560
1744 1568/5493 [=====>.....] - ETA: 14s - loss
      : 5.4726
1745 1600/5493 [=====>.....] - ETA: 14s - loss
      : 5.4905
1746 1632/5493 [=====>.....] - ETA: 14s - loss
      : 5.5077
1747 1664/5493 [=====>.....] - ETA: 14s - loss
      : 5.5267
1748 1696/5493 [=====>.....] - ETA: 14s - loss
      : 5.5414
1749 1728/5493 [=====>.....] - ETA: 14s - loss
      : 5.5537
1750 1760/5493 [=====>.....] - ETA: 13s - loss
      : 5.5775
1751 1792/5493 [=====>.....] - ETA: 13s - loss
      : 5.5980
1752 1824/5493 [=====>.....] - ETA: 13s - loss
      : 5.6227
1753 1856/5493 [=====>.....] - ETA: 13s - loss
      : 5.6423
1754 1888/5493 [=====>.....] - ETA: 13s - loss
      : 5.6615
1755 1920/5493 [=====>.....] - ETA: 13s - loss
      : 5.6816
1756 1952/5493 [=====>.....] - ETA: 13s - loss
      : 5.7032
1757 1984/5493 [=====>.....] - ETA: 13s - loss
      : 5.7160
1758 2016/5493 [=====>.....] - ETA: 12s - loss
      : 5.7337
1759 2048/5493 [=====>.....] - ETA: 12s - loss
      : 5.7535
1760 2080/5493 [=====>.....] - ETA: 12s - loss
      : 5.7711
1761 2112/5493 [=====>.....] - ETA: 12s - loss
      : 5.7880
```

```
1762 2144/5493 [=====>.....] - ETA: 12s - loss
      : 5.8046
1763 2176/5493 [=====>.....] - ETA: 12s - loss
      : 5.8266
1764 2208/5493 [=====>.....] - ETA: 12s - loss
      : 5.8386
1765 2240/5493 [=====>.....] - ETA: 12s - loss
      : 5.8519
1766 2272/5493 [=====>.....] - ETA: 12s - loss
      : 5.8684
1767 2304/5493 [=====>.....] - ETA: 11s - loss
      : 5.8865
1768 2336/5493 [=====>.....] - ETA: 11s - loss
      : 5.9074
1769 2368/5493 [=====>.....] - ETA: 11s - loss
      : 5.9221
1770 2400/5493 [=====>.....] - ETA: 11s - loss
      : 5.9393
1771 2432/5493 [=====>.....] - ETA: 11s - loss
      : 5.9575
1772 2464/5493 [=====>.....] - ETA: 11s - loss
      : 5.9731
1773 2496/5493 [=====>.....] - ETA: 11s - loss
      : 5.9875
1774 2528/5493 [=====>.....] - ETA: 11s - loss
      : 6.0009
1775 2560/5493 [=====>.....] - ETA: 10s - loss
      : 6.0223
1776 2592/5493 [=====>.....] - ETA: 10s - loss
      : 6.0382
1777 2624/5493 [=====>.....] - ETA: 10s - loss
      : 6.0550
1778 2656/5493 [=====>.....] - ETA: 10s - loss
      : 6.0725
1779 2688/5493 [=====>.....] - ETA: 10s - loss
      : 6.0871
1780 2720/5493 [=====>.....] - ETA: 10s - loss
      : 6.1044
1781 2752/5493 [=====>.....] - ETA: 10s - loss
      : 6.1164
1782 2784/5493 [=====>.....] - ETA: 10s - loss
      : 6.1322
1783 2816/5493 [=====>.....] - ETA: 9s - loss:
      6.1497
1784 2848/5493 [=====>.....] - ETA: 9s - loss:
      6.1621
1785 2880/5493 [=====>.....] - ETA: 9s - loss:
      6.1781
1786 2912/5493 [=====>.....] - ETA: 9s - loss:
```

```
1786 6.1931
1787 2944/5493 [=====>.....] - ETA: 9s - loss:
      6.2080
1788 2976/5493 [=====>.....] - ETA: 9s - loss:
      6.2237
1789 3008/5493 [=====>.....] - ETA: 9s - loss:
      6.2385
1790 3040/5493 [=====>.....] - ETA: 9s - loss:
      6.2549
1791 3072/5493 [=====>.....] - ETA: 9s - loss:
      6.2694
1792 3104/5493 [=====>.....] - ETA: 8s - loss:
      6.2836
1793 3136/5493 [=====>.....] - ETA: 8s - loss:
      6.2974
1794 3168/5493 [=====>.....] - ETA: 8s - loss:
      6.3135
1795 3200/5493 [=====>.....] - ETA: 8s - loss:
      6.3292
1796 3232/5493 [=====>.....] - ETA: 8s - loss:
      6.3445
1797 3264/5493 [=====>.....] - ETA: 8s - loss:
      6.3594
1798 3296/5493 [=====>.....] - ETA: 8s - loss:
      6.3735
1799 3328/5493 [=====>.....] - ETA: 8s - loss:
      6.3868
1800 3360/5493 [=====>.....] - ETA: 7s - loss:
      6.4011
1801 3392/5493 [=====>.....] - ETA: 7s - loss:
      6.4148
1802 3424/5493 [=====>.....] - ETA: 7s - loss:
      6.4285
1803 3456/5493 [=====>.....] - ETA: 7s - loss:
      6.4389
1804 3488/5493 [=====>.....] - ETA: 7s - loss:
      6.4510
1805 3520/5493 [=====>.....] - ETA: 7s - loss:
      6.4649
1806 3552/5493 [=====>.....] - ETA: 7s - loss:
      6.4753
1807 3584/5493 [=====>.....] - ETA: 7s - loss:
      6.4907
1808 3616/5493 [=====>.....] - ETA: 7s - loss:
      6.5038
1809 3648/5493 [=====>.....] - ETA: 6s - loss:
      6.5178
1810 3680/5493 [=====>.....] - ETA: 6s - loss:
      6.5309
```

| | | | |
|------|-----------|---------------|-------------------|
| 1811 | 3712/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5443 | | |
| 1812 | 3744/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5576 | | |
| 1813 | 3776/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5715 | | |
| 1814 | 3808/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5849 | | |
| 1815 | 3840/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5980 | | |
| 1816 | 3872/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6110 | | |
| 1817 | 3904/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6239 | | |
| 1818 | 3936/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6372 | | |
| 1819 | 3968/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6492 | | |
| 1820 | 4000/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6601 | | |
| 1821 | 4032/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6723 | | |
| 1822 | 4064/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6854 | | |
| 1823 | 4096/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6972 | | |
| 1824 | 4128/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7082 | | |
| 1825 | 4160/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7187 | | |
| 1826 | 4192/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7307 | | |
| 1827 | 4224/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7424 | | |
| 1828 | 4256/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7544 | | |
| 1829 | 4288/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7658 | | |
| 1830 | 4320/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7766 | | |
| 1831 | 4352/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.7889 | | |
| 1832 | 4384/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.8003 | | |
| 1833 | 4416/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.8119 | | |
| 1834 | 4448/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.8218 | | |
| 1835 | 4480/5493 | [=====>.....] | - ETA: 3s - loss: |

```
1835 6.8323
1836 4512/5493 [=====>.....] - ETA: 3s - loss:
      6.8424
1837 4544/5493 [=====>.....] - ETA: 3s - loss:
      6.8530
1838 4576/5493 [=====>.....] - ETA: 3s - loss:
      6.8637
1839 4608/5493 [=====>.....] - ETA: 3s - loss:
      6.8743
1840 4640/5493 [=====>.....] - ETA: 3s - loss:
      6.8850
1841 4672/5493 [=====>.....] - ETA: 3s - loss:
      6.8956
1842 4704/5493 [=====>.....] - ETA: 2s - loss:
      6.9060
1843 4736/5493 [=====>.....] - ETA: 2s - loss:
      6.9162
1844 4768/5493 [=====>....] - ETA: 2s - loss:
      6.9260
1845 4800/5493 [=====>....] - ETA: 2s - loss:
      6.9367
1846 4832/5493 [=====>....] - ETA: 2s - loss:
      6.9473
1847 4864/5493 [=====>....] - ETA: 2s - loss:
      6.9573
1848 4896/5493 [=====>....] - ETA: 2s - loss:
      6.9674
1849 4928/5493 [=====>....] - ETA: 2s - loss:
      6.9777
1850 4960/5493 [=====>...] - ETA: 1s - loss:
      6.9873
1851 4992/5493 [=====>...] - ETA: 1s - loss:
      6.9967
1852 5024/5493 [=====>...] - ETA: 1s - loss:
      7.0064
1853 5056/5493 [=====>...] - ETA: 1s - loss:
      7.0160
1854 5088/5493 [=====>...] - ETA: 1s - loss:
      7.0252
1855 5120/5493 [=====>...] - ETA: 1s - loss:
      7.0350
1856 5152/5493 [=====>..] - ETA: 1s - loss:
      7.0443
1857 5184/5493 [=====>..] - ETA: 1s - loss:
      7.0531
1858 5216/5493 [=====>..] - ETA: 1s - loss:
      7.0624
1859 5248/5493 [=====>..] - ETA: 0s - loss:
      7.0709
```

```
1860 5280/5493 [=====>..] - ETA: 0s - loss:
      7.0797
1861 5312/5493 [=====>.] - ETA: 0s - loss:
      7.0879
1862 5344/5493 [=====>.] - ETA: 0s - loss:
      7.0971
1863 5376/5493 [=====>.] - ETA: 0s - loss:
      7.1058
1864 5408/5493 [=====>.] - ETA: 0s - loss:
      7.1145
1865 5440/5493 [=====>.] - ETA: 0s - loss:
      7.1232
1866 5472/5493 [=====>.] - ETA: 0s - loss:
      7.1322
1867 5493/5493 [=====] - 21s 4ms/step -
      loss: 7.1379
1868
1869 ----- Generating text after Epoch: 8
1870 ----- diversity: 0.2
1871 ----- Generating with seed: "آرزوست"
1872 "بشد"
1873 آرزوست
1874 بشد اهرمن
1875 برهنه بفرخ آورد
1876 کنون آراستند
1877 کهانچمن
1878 توانچمن
1879 تو اهرمن
1880 پرستنده هماناوی باسبشافگنده ام برهنه برداشتند
1881 ----- diversity: 0.5
1882 ----- Generating with seed: "آرزومند"
1883 شگفتیبرید گذشتیاوی آرزومند افراسیاب
1884 بیاراستبمیغ بهاندرون سلیح بنداهاندردند
1885 نبیند بخردی مگر بارگاه
1886 تو آفرید
1887 جز
1888 ----- diversity: 1.0
1889 ----- Generating with seed: "آرزوست"
1890 "در"
1891 آرزوست
1892 همیار دشیر دربزمگاه
1893 کها هرمن کسآزادگان ستآبش خورست بیاموختند شاست
1894 ببارید آنزمان امیدوار برهنه اخترم
1895 چنین آب روی
1896 بگویم
1897 ----- diversity: 1.2
1898 ----- Generating with seed: "آرزوست"
1899 "پس انگاه"
1900 آرزوست
```

```

1901 پس‌انگ‌ه‌ب‌ن‌ا‌ن‌د‌ر‌و‌ن
1902 ب‌د‌و‌ب‌ر‌ش‌ت‌ا‌ب
1903 ب‌د‌و‌ب‌ر‌ف‌ر‌ا‌خ‌ت
1904 و‌گ‌ر‌ا‌و‌ی    ب‌ه‌ب‌ج‌ن‌گ    چ‌ن‌ا‌ن‌ا‌ر‌م‌ن‌ی
1905 س‌م‌ن‌د‌ی‌ب‌ز‌د
1906 ک‌ج‌ا    ب‌د‌ا‌ن‌آ‌و‌ر‌ا‌ن    ب‌ی‌ا‌م‌د‌ب‌ب‌ا‌د
1907 Epoch 10/15
1908
1909    32/5493 [...] - ETA: 20s - loss
      : 5.3233
1910    64/5493 [...] - ETA: 20s - loss
      : 5.1359
1911    96/5493 [...] - ETA: 20s - loss
      : 4.9750
1912   128/5493 [...] - ETA: 20s - loss
      : 4.8928
1913   160/5493 [...] - ETA: 20s - loss
      : 4.9534
1914   192/5493 [>...] - ETA: 20s - loss
      : 4.9147
1915   224/5493 [>...] - ETA: 19s - loss
      : 4.8605
1916   256/5493 [>...] - ETA: 19s - loss
      : 4.8671
1917   288/5493 [>...] - ETA: 19s - loss
      : 4.8931
1918   320/5493 [>...] - ETA: 19s - loss
      : 4.8870
1919   352/5493 [>...] - ETA: 19s - loss
      : 4.8762
1920   384/5493 [=>...] - ETA: 19s - loss
      : 4.9163
1921   416/5493 [=>...] - ETA: 19s - loss
      : 4.9072
1922   448/5493 [=>...] - ETA: 18s - loss
      : 4.9047
1923   480/5493 [=>...] - ETA: 18s - loss
      : 4.9073
1924   512/5493 [=>...] - ETA: 18s - loss
      : 4.9278
1925   544/5493 [=>...] - ETA: 18s - loss
      : 4.9548
1926   576/5493 [==>...] - ETA: 18s - loss
      : 4.9693
1927   608/5493 [==>...] - ETA: 18s - loss
      : 5.0001
1928   640/5493 [==>...] - ETA: 18s - loss
      : 5.0168
1929   672/5493 [==>...] - ETA: 18s - loss

```



```
1929 : 5.0408
1930 704/5493 [==>.....] - ETA: 18s - loss
      : 5.0538
1931 736/5493 [===>.....] - ETA: 17s - loss
      : 5.0617
1932 768/5493 [===>.....] - ETA: 17s - loss
      : 5.0751
1933 800/5493 [===>.....] - ETA: 17s - loss
      : 5.0889
1934 832/5493 [===>.....] - ETA: 17s - loss
      : 5.1024
1935 864/5493 [===>.....] - ETA: 17s - loss
      : 5.1085
1936 896/5493 [===>.....] - ETA: 17s - loss
      : 5.1141
1937 928/5493 [====>.....] - ETA: 17s - loss
      : 5.1188
1938 960/5493 [====>.....] - ETA: 17s - loss
      : 5.1359
1939 992/5493 [====>.....] - ETA: 16s - loss
      : 5.1579
1940 1024/5493 [====>.....] - ETA: 16s - loss
      : 5.1692
1941 1056/5493 [====>.....] - ETA: 16s - loss
      : 5.1789
1942 1088/5493 [====>.....] - ETA: 16s - loss
      : 5.2039
1943 1120/5493 [=====>.....] - ETA: 16s - loss
      : 5.2099
1944 1152/5493 [=====>.....] - ETA: 16s - loss
      : 5.2124
1945 1184/5493 [=====>.....] - ETA: 16s - loss
      : 5.2310
1946 1216/5493 [=====>.....] - ETA: 16s - loss
      : 5.2476
1947 1248/5493 [=====>.....] - ETA: 15s - loss
      : 5.2625
1948 1280/5493 [=====>.....] - ETA: 15s - loss
      : 5.2836
1949 1312/5493 [=====>.....] - ETA: 15s - loss
      : 5.3001
1950 1344/5493 [=====>.....] - ETA: 15s - loss
      : 5.3141
1951 1376/5493 [=====>.....] - ETA: 15s - loss
      : 5.3467
1952 1408/5493 [=====>.....] - ETA: 15s - loss
      : 5.3738
1953 1440/5493 [=====>.....] - ETA: 15s - loss
      : 5.3974
```

| | | | |
|------|-----------|---------------|-------------------|
| 1954 | 1472/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4086 | | |
| 1955 | 1504/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.4282 | | |
| 1956 | 1536/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.4432 | | |
| 1957 | 1568/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.4610 | | |
| 1958 | 1600/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.4798 | | |
| 1959 | 1632/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5002 | | |
| 1960 | 1664/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5252 | | |
| 1961 | 1696/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5406 | | |
| 1962 | 1728/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5638 | | |
| 1963 | 1760/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5833 | | |
| 1964 | 1792/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.5951 | | |
| 1965 | 1824/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6189 | | |
| 1966 | 1856/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6368 | | |
| 1967 | 1888/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6524 | | |
| 1968 | 1920/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6701 | | |
| 1969 | 1952/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6830 | | |
| 1970 | 1984/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7032 | | |
| 1971 | 2016/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7213 | | |
| 1972 | 2048/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.7388 | | |
| 1973 | 2080/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.7594 | | |
| 1974 | 2112/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.7760 | | |
| 1975 | 2144/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.7964 | | |
| 1976 | 2176/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8147 | | |
| 1977 | 2208/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8318 | | |
| 1978 | 2240/5493 | [=====>.....] | - ETA: 12s - loss |

```
1978 : 5.8459
1979 2272/5493 [=====>.....] - ETA: 12s - loss
      : 5.8627
1980 2304/5493 [=====>.....] - ETA: 11s - loss
      : 5.8763
1981 2336/5493 [=====>.....] - ETA: 11s - loss
      : 5.8956
1982 2368/5493 [=====>.....] - ETA: 11s - loss
      : 5.9186
1983 2400/5493 [=====>.....] - ETA: 11s - loss
      : 5.9359
1984 2432/5493 [=====>.....] - ETA: 11s - loss
      : 5.9545
1985 2464/5493 [=====>.....] - ETA: 11s - loss
      : 5.9718
1986 2496/5493 [=====>.....] - ETA: 11s - loss
      : 5.9893
1987 2528/5493 [=====>.....] - ETA: 11s - loss
      : 6.0063
1988 2560/5493 [=====>.....] - ETA: 11s - loss
      : 6.0250
1989 2592/5493 [=====>.....] - ETA: 10s - loss
      : 6.0437
1990 2624/5493 [=====>.....] - ETA: 10s - loss
      : 6.0647
1991 2656/5493 [=====>.....] - ETA: 10s - loss
      : 6.0825
1992 2688/5493 [=====>.....] - ETA: 10s - loss
      : 6.0959
1993 2720/5493 [=====>.....] - ETA: 10s - loss
      : 6.1071
1994 2752/5493 [=====>.....] - ETA: 10s - loss
      : 6.1239
1995 2784/5493 [=====>.....] - ETA: 10s - loss
      : 6.1450
1996 2816/5493 [=====>.....] - ETA: 10s - loss
      : 6.1604
1997 2848/5493 [=====>.....] - ETA: 9s - loss:
      6.1749
1998 2880/5493 [=====>.....] - ETA: 9s - loss:
      6.1940
1999 2912/5493 [=====>.....] - ETA: 9s - loss:
      6.2109
2000 2944/5493 [=====>.....] - ETA: 9s - loss:
      6.2278
2001 2976/5493 [=====>.....] - ETA: 9s - loss:
      6.2445
2002 3008/5493 [=====>.....] - ETA: 9s - loss:
      6.2584
```

| | | | |
|------|-----------|---------------|-------------------|
| 2003 | 3040/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.2737 | | |
| 2004 | 3072/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.2907 | | |
| 2005 | 3104/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3045 | | |
| 2006 | 3136/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3194 | | |
| 2007 | 3168/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3331 | | |
| 2008 | 3200/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3460 | | |
| 2009 | 3232/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3606 | | |
| 2010 | 3264/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3756 | | |
| 2011 | 3296/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3886 | | |
| 2012 | 3328/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4026 | | |
| 2013 | 3360/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4178 | | |
| 2014 | 3392/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4347 | | |
| 2015 | 3424/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4504 | | |
| 2016 | 3456/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4648 | | |
| 2017 | 3488/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4813 | | |
| 2018 | 3520/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4956 | | |
| 2019 | 3552/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5100 | | |
| 2020 | 3584/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5232 | | |
| 2021 | 3616/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5397 | | |
| 2022 | 3648/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5539 | | |
| 2023 | 3680/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5670 | | |
| 2024 | 3712/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5808 | | |
| 2025 | 3744/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5939 | | |
| 2026 | 3776/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6070 | | |
| 2027 | 3808/5493 | [=====>.....] | - ETA: 6s - loss: |

```
2027 6.6198
2028 3840/5493 [=====>.....] - ETA: 6s - loss:
      6.6330
2029 3872/5493 [=====>.....] - ETA: 6s - loss:
      6.6442
2030 3904/5493 [=====>.....] - ETA: 5s - loss:
      6.6561
2031 3936/5493 [=====>.....] - ETA: 5s - loss:
      6.6683
2032 3968/5493 [=====>.....] - ETA: 5s - loss:
      6.6809
2033 4000/5493 [=====>.....] - ETA: 5s - loss:
      6.6922
2034 4032/5493 [=====>.....] - ETA: 5s - loss:
      6.7043
2035 4064/5493 [=====>.....] - ETA: 5s - loss:
      6.7163
2036 4096/5493 [=====>.....] - ETA: 5s - loss:
      6.7283
2037 4128/5493 [=====>.....] - ETA: 5s - loss:
      6.7398
2038 4160/5493 [=====>.....] - ETA: 5s - loss:
      6.7517
2039 4192/5493 [=====>.....] - ETA: 4s - loss:
      6.7642
2040 4224/5493 [=====>.....] - ETA: 4s - loss:
      6.7767
2041 4256/5493 [=====>.....] - ETA: 4s - loss:
      6.7886
2042 4288/5493 [=====>.....] - ETA: 4s - loss:
      6.8009
2043 4320/5493 [=====>.....] - ETA: 4s - loss:
      6.8126
2044 4352/5493 [=====>.....] - ETA: 4s - loss:
      6.8229
2045 4384/5493 [=====>.....] - ETA: 4s - loss:
      6.8343
2046 4416/5493 [=====>.....] - ETA: 4s - loss:
      6.8456
2047 4448/5493 [=====>.....] - ETA: 3s - loss:
      6.8575
2048 4480/5493 [=====>.....] - ETA: 3s - loss:
      6.8689
2049 4512/5493 [=====>.....] - ETA: 3s - loss:
      6.8801
2050 4544/5493 [=====>.....] - ETA: 3s - loss:
      6.8934
2051 4576/5493 [=====>.....] - ETA: 3s - loss:
      6.9043
```

| | | | |
|------|-----------|---------------|-------------------|
| 2052 | 4608/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9155 | | |
| 2053 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9263 | | |
| 2054 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9372 | | |
| 2055 | 4704/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9484 | | |
| 2056 | 4736/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9580 | | |
| 2057 | 4768/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9687 | | |
| 2058 | 4800/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9793 | | |
| 2059 | 4832/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9891 | | |
| 2060 | 4864/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 6.9994 | | |
| 2061 | 4896/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.0100 | | |
| 2062 | 4928/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.0202 | | |
| 2063 | 4960/5493 | [=====>...] | - ETA: 2s - loss: |
| | 7.0296 | | |
| 2064 | 4992/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.0398 | | |
| 2065 | 5024/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.0493 | | |
| 2066 | 5056/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.0591 | | |
| 2067 | 5088/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.0686 | | |
| 2068 | 5120/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.0786 | | |
| 2069 | 5152/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.0886 | | |
| 2070 | 5184/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.0985 | | |
| 2071 | 5216/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.1080 | | |
| 2072 | 5248/5493 | [=====>..] | - ETA: 0s - loss: |
| | 7.1176 | | |
| 2073 | 5280/5493 | [=====>..] | - ETA: 0s - loss: |
| | 7.1267 | | |
| 2074 | 5312/5493 | [=====>.] | - ETA: 0s - loss: |
| | 7.1366 | | |
| 2075 | 5344/5493 | [=====>.] | - ETA: 0s - loss: |
| | 7.1465 | | |
| 2076 | 5376/5493 | [=====>.] | - ETA: 0s - loss: |

```
2076 7.1557
2077 5408/5493 [=====>.] - ETA: 0s - loss:
      7.1652
2078 5440/5493 [=====>.] - ETA: 0s - loss:
      7.1747
2079 5472/5493 [=====>.] - ETA: 0s - loss:
      7.1830
2080 5493/5493 [=====] - 21s 4ms/step -
      loss: 7.1889
2081
2082 ----- Generating text after Epoch: 9
2083 ----- diversity: 0.2
2084 ----- Generating with seed: "آر
2085 هرا ن
2086 آر
2087 هرا نازین
2088 گلینوشا گهی همیاستوار
2089 چهبلند
2090 درفشبریم
2091 چننازین
2092 گلینوشازین نماندتبشنو یاستوار همیباک
2093 همی
2094 ----- diversity: 0.5
2095 ----- Generating with seed: "آر
2096 چو
2097 آر
2098 چوبلند چوآنشبدستاراو
2099 درفشآوریم
2100 سپهبدکنش شوداژدهافشنا یدرآرزوی
2101 چننازپیش
2102 ----- diversity: 1.0
2103 ----- Generating with seed: "آر
2104 بترسید
2105 آر
2106 همیبا خواب برافگندببینماآبادبوم بترسیدبراوهایباد
2107 کهآوردگاهچرا بایرانیا ن
2108 بکشتندبرکشید
2109 چنانببست
2110 دل سپاهیبرگاشتند
2111 ----- diversity: 1.2
2112 ----- Generating with seed: "آر نگر
2113 سپهرا بیبخت درآفرید نگراوی آر
2114 بفرمودببرفگندیآب
2115 چنانبرگستوانبرزدی بدوآمدست
2116
2117 بهباستان
2118 خردمند
2119 Epoch 11/15
2120
```

| | | | |
|------|----------|-------------|-------------------|
| 2121 | 32/5493 | [.....] | - ETA: 21s - loss |
| | : 5.7071 | | |
| 2122 | 64/5493 | [.....] | - ETA: 21s - loss |
| | : 5.1183 | | |
| 2123 | 96/5493 | [.....] | - ETA: 20s - loss |
| | : 4.9985 | | |
| 2124 | 128/5493 | [.....] | - ETA: 20s - loss |
| | : 4.9224 | | |
| 2125 | 160/5493 | [.....] | - ETA: 20s - loss |
| | : 4.9347 | | |
| 2126 | 192/5493 | [>.....] | - ETA: 20s - loss |
| | : 4.9432 | | |
| 2127 | 224/5493 | [>.....] | - ETA: 19s - loss |
| | : 4.9812 | | |
| 2128 | 256/5493 | [>.....] | - ETA: 19s - loss |
| | : 4.9337 | | |
| 2129 | 288/5493 | [>.....] | - ETA: 19s - loss |
| | : 4.9765 | | |
| 2130 | 320/5493 | [>.....] | - ETA: 19s - loss |
| | : 4.9553 | | |
| 2131 | 352/5493 | [>.....] | - ETA: 19s - loss |
| | : 4.9583 | | |
| 2132 | 384/5493 | [=>.....] | - ETA: 19s - loss |
| | : 4.9415 | | |
| 2133 | 416/5493 | [=>.....] | - ETA: 19s - loss |
| | : 4.9473 | | |
| 2134 | 448/5493 | [=>.....] | - ETA: 19s - loss |
| | : 4.9380 | | |
| 2135 | 480/5493 | [=>.....] | - ETA: 18s - loss |
| | : 4.9446 | | |
| 2136 | 512/5493 | [=>.....] | - ETA: 18s - loss |
| | : 4.9454 | | |
| 2137 | 544/5493 | [=>.....] | - ETA: 18s - loss |
| | : 4.9559 | | |
| 2138 | 576/5493 | [==>.....] | - ETA: 18s - loss |
| | : 4.9834 | | |
| 2139 | 608/5493 | [==>.....] | - ETA: 18s - loss |
| | : 4.9997 | | |
| 2140 | 640/5493 | [==>.....] | - ETA: 18s - loss |
| | : 5.0119 | | |
| 2141 | 672/5493 | [==>.....] | - ETA: 18s - loss |
| | : 5.0152 | | |
| 2142 | 704/5493 | [==>.....] | - ETA: 18s - loss |
| | : 5.0324 | | |
| 2143 | 736/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0550 | | |
| 2144 | 768/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0584 | | |
| 2145 | 800/5493 | [===>.....] | - ETA: 17s - loss |


```
2145 : 5.0687
2146 832/5493 [===>.....] - ETA: 17s - loss
      : 5.0815
2147 864/5493 [===>.....] - ETA: 17s - loss
      : 5.1034
2148 896/5493 [===>.....] - ETA: 17s - loss
      : 5.1268
2149 928/5493 [====>.....] - ETA: 17s - loss
      : 5.1364
2150 960/5493 [====>.....] - ETA: 17s - loss
      : 5.1483
2151 992/5493 [====>.....] - ETA: 17s - loss
      : 5.1577
2152 1024/5493 [====>.....] - ETA: 16s - loss
      : 5.1775
2153 1056/5493 [====>.....] - ETA: 16s - loss
      : 5.2097
2154 1088/5493 [====>.....] - ETA: 16s - loss
      : 5.2310
2155 1120/5493 [=====>.....] - ETA: 16s - loss
      : 5.2479
2156 1152/5493 [=====>.....] - ETA: 16s - loss
      : 5.2571
2157 1184/5493 [=====>.....] - ETA: 16s - loss
      : 5.2732
2158 1216/5493 [=====>.....] - ETA: 16s - loss
      : 5.2878
2159 1248/5493 [=====>.....] - ETA: 16s - loss
      : 5.3054
2160 1280/5493 [=====>.....] - ETA: 15s - loss
      : 5.3251
2161 1312/5493 [=====>.....] - ETA: 15s - loss
      : 5.3454
2162 1344/5493 [=====>.....] - ETA: 15s - loss
      : 5.3640
2163 1376/5493 [=====>.....] - ETA: 15s - loss
      : 5.3873
2164 1408/5493 [=====>.....] - ETA: 15s - loss
      : 5.4070
2165 1440/5493 [=====>.....] - ETA: 15s - loss
      : 5.4173
2166 1472/5493 [=====>.....] - ETA: 15s - loss
      : 5.4423
2167 1504/5493 [=====>.....] - ETA: 15s - loss
      : 5.4584
2168 1536/5493 [=====>.....] - ETA: 14s - loss
      : 5.4877
2169 1568/5493 [=====>.....] - ETA: 14s - loss
      : 5.5023
```

| | | | |
|------|-----------|---------------|-------------------|
| 2170 | 1600/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5238 | | |
| 2171 | 1632/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5382 | | |
| 2172 | 1664/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5632 | | |
| 2173 | 1696/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5824 | | |
| 2174 | 1728/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.6069 | | |
| 2175 | 1760/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.6262 | | |
| 2176 | 1792/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.6476 | | |
| 2177 | 1824/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6633 | | |
| 2178 | 1856/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6786 | | |
| 2179 | 1888/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6973 | | |
| 2180 | 1920/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7165 | | |
| 2181 | 1952/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7308 | | |
| 2182 | 1984/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7500 | | |
| 2183 | 2016/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7626 | | |
| 2184 | 2048/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7848 | | |
| 2185 | 2080/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.7997 | | |
| 2186 | 2112/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8181 | | |
| 2187 | 2144/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8387 | | |
| 2188 | 2176/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8562 | | |
| 2189 | 2208/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8765 | | |
| 2190 | 2240/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8909 | | |
| 2191 | 2272/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.9037 | | |
| 2192 | 2304/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.9210 | | |
| 2193 | 2336/5493 | [=====>.....] | - ETA: 11s - loss |
| | : 5.9350 | | |
| 2194 | 2368/5493 | [=====>.....] | - ETA: 11s - loss |

```
2194 : 5.9558
2195 2400/5493 [=====>.....] - ETA: 11s - loss
      : 5.9729
2196 2432/5493 [=====>.....] - ETA: 11s - loss
      : 5.9948
2197 2464/5493 [=====>.....] - ETA: 11s - loss
      : 6.0130
2198 2496/5493 [=====>.....] - ETA: 11s - loss
      : 6.0240
2199 2528/5493 [=====>.....] - ETA: 11s - loss
      : 6.0422
2200 2560/5493 [=====>.....] - ETA: 11s - loss
      : 6.0583
2201 2592/5493 [=====>.....] - ETA: 10s - loss
      : 6.0746
2202 2624/5493 [=====>.....] - ETA: 10s - loss
      : 6.0900
2203 2656/5493 [=====>.....] - ETA: 10s - loss
      : 6.1086
2204 2688/5493 [=====>.....] - ETA: 10s - loss
      : 6.1214
2205 2720/5493 [=====>.....] - ETA: 10s - loss
      : 6.1374
2206 2752/5493 [=====>.....] - ETA: 10s - loss
      : 6.1551
2207 2784/5493 [=====>.....] - ETA: 10s - loss
      : 6.1745
2208 2816/5493 [=====>.....] - ETA: 10s - loss
      : 6.1906
2209 2848/5493 [=====>.....] - ETA: 10s - loss
      : 6.2063
2210 2880/5493 [=====>.....] - ETA: 9s - loss:
      6.2212
2211 2912/5493 [=====>.....] - ETA: 9s - loss:
      6.2410
2212 2944/5493 [=====>.....] - ETA: 9s - loss:
      6.2567
2213 2976/5493 [=====>.....] - ETA: 9s - loss:
      6.2741
2214 3008/5493 [=====>.....] - ETA: 9s - loss:
      6.2912
2215 3040/5493 [=====>.....] - ETA: 9s - loss:
      6.3076
2216 3072/5493 [=====>.....] - ETA: 9s - loss:
      6.3241
2217 3104/5493 [=====>.....] - ETA: 9s - loss:
      6.3373
2218 3136/5493 [=====>.....] - ETA: 8s - loss:
      6.3527
```

| | | | |
|------|-----------|---------------|-------------------|
| 2219 | 3168/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3688 | | |
| 2220 | 3200/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3843 | | |
| 2221 | 3232/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.3987 | | |
| 2222 | 3264/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4134 | | |
| 2223 | 3296/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4303 | | |
| 2224 | 3328/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4443 | | |
| 2225 | 3360/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4615 | | |
| 2226 | 3392/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4765 | | |
| 2227 | 3424/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4898 | | |
| 2228 | 3456/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5050 | | |
| 2229 | 3488/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5182 | | |
| 2230 | 3520/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5335 | | |
| 2231 | 3552/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5486 | | |
| 2232 | 3584/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5612 | | |
| 2233 | 3616/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5747 | | |
| 2234 | 3648/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5871 | | |
| 2235 | 3680/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6022 | | |
| 2236 | 3712/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6154 | | |
| 2237 | 3744/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6303 | | |
| 2238 | 3776/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6442 | | |
| 2239 | 3808/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6584 | | |
| 2240 | 3840/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6726 | | |
| 2241 | 3872/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6846 | | |
| 2242 | 3904/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.6977 | | |
| 2243 | 3936/5493 | [=====>.....] | - ETA: 5s - loss: |

```
2243 6.7095
2244 3968/5493 [=====>.....] - ETA: 5s - loss:
      6.7212
2245 4000/5493 [=====>.....] - ETA: 5s - loss:
      6.7340
2246 4032/5493 [=====>.....] - ETA: 5s - loss:
      6.7466
2247 4064/5493 [=====>.....] - ETA: 5s - loss:
      6.7588
2248 4096/5493 [=====>.....] - ETA: 5s - loss:
      6.7713
2249 4128/5493 [=====>.....] - ETA: 5s - loss:
      6.7837
2250 4160/5493 [=====>.....] - ETA: 5s - loss:
      6.7965
2251 4192/5493 [=====>.....] - ETA: 4s - loss:
      6.8076
2252 4224/5493 [=====>.....] - ETA: 4s - loss:
      6.8192
2253 4256/5493 [=====>.....] - ETA: 4s - loss:
      6.8317
2254 4288/5493 [=====>.....] - ETA: 4s - loss:
      6.8447
2255 4320/5493 [=====>.....] - ETA: 4s - loss:
      6.8568
2256 4352/5493 [=====>.....] - ETA: 4s - loss:
      6.8686
2257 4384/5493 [=====>.....] - ETA: 4s - loss:
      6.8803
2258 4416/5493 [=====>.....] - ETA: 4s - loss:
      6.8920
2259 4448/5493 [=====>.....] - ETA: 3s - loss:
      6.9029
2260 4480/5493 [=====>.....] - ETA: 3s - loss:
      6.9160
2261 4512/5493 [=====>.....] - ETA: 3s - loss:
      6.9294
2262 4544/5493 [=====>.....] - ETA: 3s - loss:
      6.9419
2263 4576/5493 [=====>.....] - ETA: 3s - loss:
      6.9528
2264 4608/5493 [=====>.....] - ETA: 3s - loss:
      6.9659
2265 4640/5493 [=====>.....] - ETA: 3s - loss:
      6.9787
2266 4672/5493 [=====>.....] - ETA: 3s - loss:
      6.9921
2267 4704/5493 [=====>.....] - ETA: 2s - loss:
      7.0040
```

```
2268 4736/5493 [=====>....] - ETA: 2s - loss:
      7.0170
2269 4768/5493 [=====>....] - ETA: 2s - loss:
      7.0293
2270 4800/5493 [=====>....] - ETA: 2s - loss:
      7.0417
2271 4832/5493 [=====>....] - ETA: 2s - loss:
      7.0537
2272 4864/5493 [=====>....] - ETA: 2s - loss:
      7.0645
2273 4896/5493 [=====>....] - ETA: 2s - loss:
      7.0760
2274 4928/5493 [=====>....] - ETA: 2s - loss:
      7.0879
2275 4960/5493 [=====>...] - ETA: 2s - loss:
      7.0993
2276 4992/5493 [=====>...] - ETA: 1s - loss:
      7.1087
2277 5024/5493 [=====>...] - ETA: 1s - loss:
      7.1182
2278 5056/5493 [=====>...] - ETA: 1s - loss:
      7.1277
2279 5088/5493 [=====>...] - ETA: 1s - loss:
      7.1363
2280 5120/5493 [=====>...] - ETA: 1s - loss:
      7.1455
2281 5152/5493 [=====>..] - ETA: 1s - loss:
      7.1549
2282 5184/5493 [=====>..] - ETA: 1s - loss:
      7.1641
2283 5216/5493 [=====>..] - ETA: 1s - loss:
      7.1726
2284 5248/5493 [=====>..] - ETA: 0s - loss:
      7.1816
2285 5280/5493 [=====>..] - ETA: 0s - loss:
      7.1904
2286 5312/5493 [=====>.] - ETA: 0s - loss:
      7.1991
2287 5344/5493 [=====>.] - ETA: 0s - loss:
      7.2065
2288 5376/5493 [=====>.] - ETA: 0s - loss:
      7.2151
2289 5408/5493 [=====>.] - ETA: 0s - loss:
      7.2232
2290 5440/5493 [=====>.] - ETA: 0s - loss:
      7.2318
2291 5472/5493 [=====>.] - ETA: 0s - loss:
      7.2400
2292 5493/5493 [=====] - 21s 4ms/step -
```

```

2292 loss: 7.2456
2293
2294 ----- Generating text after Epoch: 10
2295 ----- diversity: 0.2
2296 ----- Generating with seed: "برت"
2297 "و
2298 برت
2299 نه‌ایران‌یان مرا امشب‌بلند نه‌آرزوست نه‌بلند بدان‌بلند وبرگزید
2300 برین کز بدور بشهر بهفتاد باز
2301 ----- diversity: 0.5
2302 ----- Generating with seed: "برتاختن"
2303 "همان
2304 برتاختن
2305 همان‌برجان‌بماند
2306 به‌بست بیادار منی نه‌آوریم درب‌دکنش
2307 بب‌برآراست شکارند ب‌جست بنال‌مبشکریم چوبخت
2308 ----- diversity: 1.0
2309 ----- Generating with seed: "برت"
2310 دل‌آبنوس سرب‌دید نگه‌بان‌آب برت
2311 برای‌زدی از ان‌برکشید شهبزرگ به‌باز شب‌تیر نبشت‌ه‌افراسیاب
    کج‌ابرآراست
2312 ----- diversity: 1.2
2313 ----- Generating with seed: "برت"
2314 "و
2315 برت
2316 نه‌بامداد بی‌چند بدکنش و آورند
2317
2318 چوب‌دگمان
2319 نباید آژده
2320 که‌برگذر چنان‌ببر شغاد آمدست زبر فروخت هم‌برین
2321 بمیرد
2322 Epoch 12/15
2323
2324 32/5493 [.....] - ETA: 21s - loss
    : 5.4239
2325 64/5493 [.....] - ETA: 21s - loss
    : 4.9818
2326 96/5493 [.....] - ETA: 21s - loss
    : 4.8427
2327 128/5493 [.....] - ETA: 20s - loss
    : 4.7976
2328 160/5493 [.....] - ETA: 20s - loss
    : 4.9201
2329 192/5493 [>.....] - ETA: 20s - loss
    : 4.9044
2330 224/5493 [>.....] - ETA: 20s - loss
    : 4.8947
2331 256/5493 [>.....] - ETA: 20s - loss
    : 4.8653

```

```

2332 288/5493 [>.....] - ETA: 19s - loss
      : 4.8924
2333 320/5493 [>.....] - ETA: 19s - loss
      : 4.8944
2334 352/5493 [>.....] - ETA: 19s - loss
      : 4.8834
2335 384/5493 [=>.....] - ETA: 19s - loss
      : 4.9197
2336 416/5493 [=>.....] - ETA: 19s - loss
      : 4.9483
2337 448/5493 [=>.....] - ETA: 19s - loss
      : 4.9377
2338 480/5493 [=>.....] - ETA: 19s - loss
      : 4.9288
2339 512/5493 [=>.....] - ETA: 19s - loss
      : 4.9343
2340 544/5493 [=>.....] - ETA: 18s - loss
      : 4.9580
2341 576/5493 [==>.....] - ETA: 18s - loss
      : 4.9835
2342 608/5493 [==>.....] - ETA: 18s - loss
      : 5.0096
2343 640/5493 [==>.....] - ETA: 18s - loss
      : 5.0221
2344 672/5493 [==>.....] - ETA: 18s - loss
      : 5.0321
2345 704/5493 [==>.....] - ETA: 18s - loss
      : 5.0608
2346 736/5493 [===>.....] - ETA: 18s - loss
      : 5.0538
2347 768/5493 [===>.....] - ETA: 17s - loss
      : 5.0501
2348 800/5493 [===>.....] - ETA: 17s - loss
      : 5.0516
2349 832/5493 [===>.....] - ETA: 17s - loss
      : 5.0631
2350 864/5493 [===>.....] - ETA: 17s - loss
      : 5.0697
2351 896/5493 [===>.....] - ETA: 17s - loss
      : 5.0660
2352 928/5493 [====>.....] - ETA: 17s - loss
      : 5.0880
2353 960/5493 [====>.....] - ETA: 17s - loss
      : 5.0903
2354 992/5493 [====>.....] - ETA: 17s - loss
      : 5.1182
2355 1024/5493 [====>.....] - ETA: 17s - loss
      : 5.1395
2356 1056/5493 [====>.....] - ETA: 16s - loss

```



```
2356 : 5.1559
2357 1088/5493 [====>.....] - ETA: 16s - loss
      : 5.1784
2358 1120/5493 [=====>.....] - ETA: 16s - loss
      : 5.2059
2359 1152/5493 [=====>.....] - ETA: 16s - loss
      : 5.2297
2360 1184/5493 [=====>.....] - ETA: 16s - loss
      : 5.2437
2361 1216/5493 [=====>.....] - ETA: 16s - loss
      : 5.2520
2362 1248/5493 [=====>.....] - ETA: 16s - loss
      : 5.2696
2363 1280/5493 [=====>.....] - ETA: 16s - loss
      : 5.2942
2364 1312/5493 [=====>.....] - ETA: 15s - loss
      : 5.3172
2365 1344/5493 [=====>.....] - ETA: 15s - loss
      : 5.3355
2366 1376/5493 [=====>.....] - ETA: 15s - loss
      : 5.3656
2367 1408/5493 [=====>.....] - ETA: 15s - loss
      : 5.3824
2368 1440/5493 [=====>.....] - ETA: 15s - loss
      : 5.4047
2369 1472/5493 [=====>.....] - ETA: 15s - loss
      : 5.4260
2370 1504/5493 [=====>.....] - ETA: 15s - loss
      : 5.4387
2371 1536/5493 [=====>.....] - ETA: 15s - loss
      : 5.4595
2372 1568/5493 [=====>.....] - ETA: 14s - loss
      : 5.4808
2373 1600/5493 [=====>.....] - ETA: 14s - loss
      : 5.5049
2374 1632/5493 [=====>.....] - ETA: 14s - loss
      : 5.5223
2375 1664/5493 [=====>.....] - ETA: 14s - loss
      : 5.5360
2376 1696/5493 [=====>.....] - ETA: 14s - loss
      : 5.5541
2377 1728/5493 [=====>.....] - ETA: 14s - loss
      : 5.5763
2378 1760/5493 [=====>.....] - ETA: 14s - loss
      : 5.5970
2379 1792/5493 [=====>.....] - ETA: 14s - loss
      : 5.6166
2380 1824/5493 [=====>.....] - ETA: 13s - loss
      : 5.6319
```

| | | | |
|------|-----------|---------------|-------------------|
| 2381 | 1856/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6456 | | |
| 2382 | 1888/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6680 | | |
| 2383 | 1920/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6882 | | |
| 2384 | 1952/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7153 | | |
| 2385 | 1984/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7349 | | |
| 2386 | 2016/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7606 | | |
| 2387 | 2048/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7792 | | |
| 2388 | 2080/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.7968 | | |
| 2389 | 2112/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8109 | | |
| 2390 | 2144/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8226 | | |
| 2391 | 2176/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8475 | | |
| 2392 | 2208/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8612 | | |
| 2393 | 2240/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8785 | | |
| 2394 | 2272/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.8969 | | |
| 2395 | 2304/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.9175 | | |
| 2396 | 2336/5493 | [=====>.....] | - ETA: 12s - loss |
| | : 5.9327 | | |
| 2397 | 2368/5493 | [=====>.....] | - ETA: 11s - loss |
| | : 5.9531 | | |
| 2398 | 2400/5493 | [=====>.....] | - ETA: 11s - loss |
| | : 5.9722 | | |
| 2399 | 2432/5493 | [=====>.....] | - ETA: 11s - loss |
| | : 5.9963 | | |
| 2400 | 2464/5493 | [=====>.....] | - ETA: 11s - loss |
| | : 6.0128 | | |
| 2401 | 2496/5493 | [=====>.....] | - ETA: 11s - loss |
| | : 6.0344 | | |
| 2402 | 2528/5493 | [=====>.....] | - ETA: 11s - loss |
| | : 6.0491 | | |
| 2403 | 2560/5493 | [=====>.....] | - ETA: 11s - loss |
| | : 6.0658 | | |
| 2404 | 2592/5493 | [=====>.....] | - ETA: 11s - loss |
| | : 6.0817 | | |
| 2405 | 2624/5493 | [=====>.....] | - ETA: 10s - loss |

```
2405 : 6.0967
2406 2656/5493 [=====>.....] - ETA: 10s - loss
      : 6.1117
2407 2688/5493 [=====>.....] - ETA: 10s - loss
      : 6.1278
2408 2720/5493 [=====>.....] - ETA: 10s - loss
      : 6.1433
2409 2752/5493 [=====>.....] - ETA: 10s - loss
      : 6.1636
2410 2784/5493 [=====>.....] - ETA: 10s - loss
      : 6.1787
2411 2816/5493 [=====>.....] - ETA: 10s - loss
      : 6.1923
2412 2848/5493 [=====>.....] - ETA: 10s - loss
      : 6.2074
2413 2880/5493 [=====>.....] - ETA: 9s - loss:
      6.2243
2414 2912/5493 [=====>.....] - ETA: 9s - loss:
      6.2372
2415 2944/5493 [=====>.....] - ETA: 9s - loss:
      6.2570
2416 2976/5493 [=====>.....] - ETA: 9s - loss:
      6.2744
2417 3008/5493 [=====>.....] - ETA: 9s - loss:
      6.2905
2418 3040/5493 [=====>.....] - ETA: 9s - loss:
      6.3035
2419 3072/5493 [=====>.....] - ETA: 9s - loss:
      6.3192
2420 3104/5493 [=====>.....] - ETA: 9s - loss:
      6.3361
2421 3136/5493 [=====>.....] - ETA: 8s - loss:
      6.3520
2422 3168/5493 [=====>.....] - ETA: 8s - loss:
      6.3664
2423 3200/5493 [=====>.....] - ETA: 8s - loss:
      6.3812
2424 3232/5493 [=====>.....] - ETA: 8s - loss:
      6.3950
2425 3264/5493 [=====>.....] - ETA: 8s - loss:
      6.4084
2426 3296/5493 [=====>.....] - ETA: 8s - loss:
      6.4235
2427 3328/5493 [=====>.....] - ETA: 8s - loss:
      6.4341
2428 3360/5493 [=====>.....] - ETA: 8s - loss:
      6.4487
2429 3392/5493 [=====>.....] - ETA: 7s - loss:
      6.4650
```

| | | | |
|------|-----------|---------------|-------------------|
| 2430 | 3424/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4788 | | |
| 2431 | 3456/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.4943 | | |
| 2432 | 3488/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5085 | | |
| 2433 | 3520/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5239 | | |
| 2434 | 3552/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5393 | | |
| 2435 | 3584/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5543 | | |
| 2436 | 3616/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5700 | | |
| 2437 | 3648/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5829 | | |
| 2438 | 3680/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.5971 | | |
| 2439 | 3712/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6097 | | |
| 2440 | 3744/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6239 | | |
| 2441 | 3776/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6373 | | |
| 2442 | 3808/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6509 | | |
| 2443 | 3840/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6654 | | |
| 2444 | 3872/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6779 | | |
| 2445 | 3904/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6922 | | |
| 2446 | 3936/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7053 | | |
| 2447 | 3968/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7167 | | |
| 2448 | 4000/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7295 | | |
| 2449 | 4032/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7433 | | |
| 2450 | 4064/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7562 | | |
| 2451 | 4096/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7686 | | |
| 2452 | 4128/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7811 | | |
| 2453 | 4160/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7944 | | |
| 2454 | 4192/5493 | [=====>.....] | - ETA: 4s - loss: |

```
2454 6.8068
2455 4224/5493 [=====>.....] - ETA: 4s - loss:
      6.8199
2456 4256/5493 [=====>.....] - ETA: 4s - loss:
      6.8322
2457 4288/5493 [=====>.....] - ETA: 4s - loss:
      6.8442
2458 4320/5493 [=====>.....] - ETA: 4s - loss:
      6.8566
2459 4352/5493 [=====>.....] - ETA: 4s - loss:
      6.8683
2460 4384/5493 [=====>.....] - ETA: 4s - loss:
      6.8793
2461 4416/5493 [=====>.....] - ETA: 4s - loss:
      6.8911
2462 4448/5493 [=====>.....] - ETA: 3s - loss:
      6.9030
2463 4480/5493 [=====>.....] - ETA: 3s - loss:
      6.9149
2464 4512/5493 [=====>.....] - ETA: 3s - loss:
      6.9257
2465 4544/5493 [=====>.....] - ETA: 3s - loss:
      6.9378
2466 4576/5493 [=====>.....] - ETA: 3s - loss:
      6.9488
2467 4608/5493 [=====>.....] - ETA: 3s - loss:
      6.9599
2468 4640/5493 [=====>.....] - ETA: 3s - loss:
      6.9700
2469 4672/5493 [=====>.....] - ETA: 3s - loss:
      6.9807
2470 4704/5493 [=====>.....] - ETA: 2s - loss:
      6.9920
2471 4736/5493 [=====>.....] - ETA: 2s - loss:
      7.0031
2472 4768/5493 [=====>....] - ETA: 2s - loss:
      7.0135
2473 4800/5493 [=====>....] - ETA: 2s - loss:
      7.0239
2474 4832/5493 [=====>....] - ETA: 2s - loss:
      7.0340
2475 4864/5493 [=====>....] - ETA: 2s - loss:
      7.0444
2476 4896/5493 [=====>....] - ETA: 2s - loss:
      7.0546
2477 4928/5493 [=====>....] - ETA: 2s - loss:
      7.0667
2478 4960/5493 [=====>...] - ETA: 2s - loss:
      7.0777
```

```

2479 4992/5493 [=====>...] - ETA: 1s - loss:
      7.0880
2480 5024/5493 [=====>...] - ETA: 1s - loss:
      7.0979
2481 5056/5493 [=====>...] - ETA: 1s - loss:
      7.1083
2482 5088/5493 [=====>...] - ETA: 1s - loss:
      7.1177
2483 5120/5493 [=====>...] - ETA: 1s - loss:
      7.1269
2484 5152/5493 [=====>..] - ETA: 1s - loss:
      7.1366
2485 5184/5493 [=====>..] - ETA: 1s - loss:
      7.1468
2486 5216/5493 [=====>..] - ETA: 1s - loss:
      7.1565
2487 5248/5493 [=====>..] - ETA: 0s - loss:
      7.1666
2488 5280/5493 [=====>..] - ETA: 0s - loss:
      7.1762
2489 5312/5493 [=====>.] - ETA: 0s - loss:
      7.1857
2490 5344/5493 [=====>.] - ETA: 0s - loss:
      7.1943
2491 5376/5493 [=====>.] - ETA: 0s - loss:
      7.2030
2492 5408/5493 [=====>.] - ETA: 0s - loss:
      7.2121
2493 5440/5493 [=====>.] - ETA: 0s - loss:
      7.2208
2494 5472/5493 [=====>.] - ETA: 0s - loss:
      7.2300
2495 5493/5493 [=====] - 21s 4ms/step -
      loss: 7.2353
2496
2497 ----- Generating text after Epoch: 11
2498 ----- diversity: 0.2
2499 ----- Generating with seed: "برگاشتن" به
2500 بلندبرد بهآفرید برگاشتش
2501 ترابخرمبسر
2502 نگهبرد چننبرش
2503 تراباشندبسر
2504 چننبرسر
2505 چننبرد
2506 ترا
2507 ----- diversity: 0.5
2508 ----- Generating with seed: "برگاشتن"
2509 "چنین"
2510 برگاشتن

```

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2511 زبرد بهآگهی چنینهزه
2512 تر ابرد
2513 ترا اندازه برسر
2514 چنینهخرمبست
2515 نخستینبرآب
2516 شبیاتشکده
2517 یکی
2518 ----- diversity: 1.0
2519 ----- Generating with seed: "برگ"
2520 هر"
2521 برگ
2522 دلآبنوس هرآراستن
2523 همبشندی از انآشفتنست
2524 سپهدآبدار چنانبماند
2525 اگر باره امبرد اگر ابر کمانبشمرد
2526 می
2527 ----- diversity: 1.2
2528 ----- Generating with seed: "برگاشتش"
2529 زآبگون بروباش برگاشتشبرفت
2530 بزدآویختن
2531 خوشا اندرون کهازین کمندیآوردگاه سراوی
2532 وبادرنگ
2533 ددانچمن
2534 سراسر
2535 Epoch 13/15
2536
2537 32/5493 [.....] - ETA: 20s - loss
: 5.1048
2538 64/5493 [.....] - ETA: 20s - loss
: 5.0253
2539 96/5493 [.....] - ETA: 20s - loss
: 5.0312
2540 128/5493 [.....] - ETA: 20s - loss
: 5.0206
2541 160/5493 [.....] - ETA: 20s - loss
: 4.9812
2542 192/5493 [>.....] - ETA: 19s - loss
: 4.9474
2543 224/5493 [>.....] - ETA: 19s - loss
: 4.9099
2544 256/5493 [>.....] - ETA: 19s - loss
: 4.8823
2545 288/5493 [>.....] - ETA: 19s - loss
: 4.8678
2546 320/5493 [>.....] - ETA: 19s - loss
: 4.8804
2547 352/5493 [>.....] - ETA: 19s - loss
: 4.9145
2548 384/5493 [=>.....] - ETA: 19s - loss

```

```
2548 : 4.9226
2549 416/5493 [=>.....] - ETA: 18s - loss
      : 4.9354
2550 448/5493 [=>.....] - ETA: 18s - loss
      : 4.9751
2551 480/5493 [=>.....] - ETA: 18s - loss
      : 4.9793
2552 512/5493 [=>.....] - ETA: 18s - loss
      : 4.9929
2553 544/5493 [=>.....] - ETA: 18s - loss
      : 5.0019
2554 576/5493 [==>.....] - ETA: 18s - loss
      : 5.0000
2555 608/5493 [==>.....] - ETA: 18s - loss
      : 4.9920
2556 640/5493 [==>.....] - ETA: 18s - loss
      : 5.0218
2557 672/5493 [==>.....] - ETA: 18s - loss
      : 5.0310
2558 704/5493 [==>.....] - ETA: 18s - loss
      : 5.0529
2559 736/5493 [===>.....] - ETA: 17s - loss
      : 5.0615
2560 768/5493 [===>.....] - ETA: 17s - loss
      : 5.0817
2561 800/5493 [===>.....] - ETA: 17s - loss
      : 5.0914
2562 832/5493 [===>.....] - ETA: 17s - loss
      : 5.1032
2563 864/5493 [===>.....] - ETA: 17s - loss
      : 5.1320
2564 896/5493 [===>.....] - ETA: 17s - loss
      : 5.1434
2565 928/5493 [====>.....] - ETA: 17s - loss
      : 5.1655
2566 960/5493 [====>.....] - ETA: 17s - loss
      : 5.1784
2567 992/5493 [====>.....] - ETA: 16s - loss
      : 5.1860
2568 1024/5493 [====>.....] - ETA: 16s - loss
      : 5.1941
2569 1056/5493 [====>.....] - ETA: 16s - loss
      : 5.2071
2570 1088/5493 [====>.....] - ETA: 16s - loss
      : 5.2328
2571 1120/5493 [=====>.....] - ETA: 16s - loss
      : 5.2560
2572 1152/5493 [=====>.....] - ETA: 16s - loss
      : 5.2850
```


| | | | |
|------|-----------|---------------|-------------------|
| 2573 | 1184/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.3073 | | |
| 2574 | 1216/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.3227 | | |
| 2575 | 1248/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3345 | | |
| 2576 | 1280/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3607 | | |
| 2577 | 1312/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3747 | | |
| 2578 | 1344/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.3998 | | |
| 2579 | 1376/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4121 | | |
| 2580 | 1408/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4278 | | |
| 2581 | 1440/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4350 | | |
| 2582 | 1472/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4601 | | |
| 2583 | 1504/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.4795 | | |
| 2584 | 1536/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.4921 | | |
| 2585 | 1568/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5087 | | |
| 2586 | 1600/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5287 | | |
| 2587 | 1632/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5470 | | |
| 2588 | 1664/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5696 | | |
| 2589 | 1696/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.5985 | | |
| 2590 | 1728/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.6198 | | |
| 2591 | 1760/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.6366 | | |
| 2592 | 1792/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6568 | | |
| 2593 | 1824/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6757 | | |
| 2594 | 1856/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.6965 | | |
| 2595 | 1888/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7188 | | |
| 2596 | 1920/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.7414 | | |
| 2597 | 1952/5493 | [=====>.....] | - ETA: 13s - loss |

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2597 : 5.7617
2598 1984/5493 [=====>.....] - ETA: 13s - loss
      : 5.7815
2599 2016/5493 [=====>.....] - ETA: 13s - loss
      : 5.7975
2600 2048/5493 [=====>.....] - ETA: 13s - loss
      : 5.8176
2601 2080/5493 [=====>.....] - ETA: 12s - loss
      : 5.8357
2602 2112/5493 [=====>.....] - ETA: 12s - loss
      : 5.8503
2603 2144/5493 [=====>.....] - ETA: 12s - loss
      : 5.8683
2604 2176/5493 [=====>.....] - ETA: 12s - loss
      : 5.8874
2605 2208/5493 [=====>.....] - ETA: 12s - loss
      : 5.9084
2606 2240/5493 [=====>.....] - ETA: 12s - loss
      : 5.9240
2607 2272/5493 [=====>.....] - ETA: 12s - loss
      : 5.9436
2608 2304/5493 [=====>.....] - ETA: 12s - loss
      : 5.9630
2609 2336/5493 [=====>.....] - ETA: 11s - loss
      : 5.9803
2610 2368/5493 [=====>.....] - ETA: 11s - loss
      : 5.9933
2611 2400/5493 [=====>.....] - ETA: 11s - loss
      : 6.0092
2612 2432/5493 [=====>.....] - ETA: 11s - loss
      : 6.0281
2613 2464/5493 [=====>.....] - ETA: 11s - loss
      : 6.0509
2614 2496/5493 [=====>.....] - ETA: 11s - loss
      : 6.0628
2615 2528/5493 [=====>.....] - ETA: 11s - loss
      : 6.0793
2616 2560/5493 [=====>.....] - ETA: 11s - loss
      : 6.0960
2617 2592/5493 [=====>.....] - ETA: 10s - loss
      : 6.1102
2618 2624/5493 [=====>.....] - ETA: 10s - loss
      : 6.1293
2619 2656/5493 [=====>.....] - ETA: 10s - loss
      : 6.1448
2620 2688/5493 [=====>.....] - ETA: 10s - loss
      : 6.1581
2621 2720/5493 [=====>.....] - ETA: 10s - loss
      : 6.1756
```

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2622 2752/5493 [=====>.....] - ETA: 10s - loss
      : 6.1909
2623 2784/5493 [=====>.....] - ETA: 10s - loss
      : 6.2095
2624 2816/5493 [=====>.....] - ETA: 10s - loss
      : 6.2243
2625 2848/5493 [=====>.....] - ETA: 10s - loss
      : 6.2426
2626 2880/5493 [=====>.....] - ETA: 9s - loss:
      6.2592
2627 2912/5493 [=====>.....] - ETA: 9s - loss:
      6.2728
2628 2944/5493 [=====>.....] - ETA: 9s - loss:
      6.2901
2629 2976/5493 [=====>.....] - ETA: 9s - loss:
      6.3066
2630 3008/5493 [=====>.....] - ETA: 9s - loss:
      6.3254
2631 3040/5493 [=====>.....] - ETA: 9s - loss:
      6.3413
2632 3072/5493 [=====>.....] - ETA: 9s - loss:
      6.3584
2633 3104/5493 [=====>.....] - ETA: 9s - loss:
      6.3751
2634 3136/5493 [=====>.....] - ETA: 8s - loss:
      6.3904
2635 3168/5493 [=====>.....] - ETA: 8s - loss:
      6.4038
2636 3200/5493 [=====>.....] - ETA: 8s - loss:
      6.4211
2637 3232/5493 [=====>.....] - ETA: 8s - loss:
      6.4372
2638 3264/5493 [=====>.....] - ETA: 8s - loss:
      6.4522
2639 3296/5493 [=====>.....] - ETA: 8s - loss:
      6.4683
2640 3328/5493 [=====>.....] - ETA: 8s - loss:
      6.4833
2641 3360/5493 [=====>.....] - ETA: 8s - loss:
      6.4981
2642 3392/5493 [=====>.....] - ETA: 7s - loss:
      6.5133
2643 3424/5493 [=====>.....] - ETA: 7s - loss:
      6.5275
2644 3456/5493 [=====>.....] - ETA: 7s - loss:
      6.5413
2645 3488/5493 [=====>.....] - ETA: 7s - loss:
      6.5560
2646 3520/5493 [=====>.....] - ETA: 7s - loss:
```

```
2646 6.5708
2647 3552/5493 [=====>.....] - ETA: 7s - loss:
      6.5843
2648 3584/5493 [=====>.....] - ETA: 7s - loss:
      6.5991
2649 3616/5493 [=====>.....] - ETA: 7s - loss:
      6.6130
2650 3648/5493 [=====>.....] - ETA: 6s - loss:
      6.6268
2651 3680/5493 [=====>.....] - ETA: 6s - loss:
      6.6417
2652 3712/5493 [=====>.....] - ETA: 6s - loss:
      6.6558
2653 3744/5493 [=====>.....] - ETA: 6s - loss:
      6.6698
2654 3776/5493 [=====>.....] - ETA: 6s - loss:
      6.6834
2655 3808/5493 [=====>.....] - ETA: 6s - loss:
      6.6975
2656 3840/5493 [=====>.....] - ETA: 6s - loss:
      6.7106
2657 3872/5493 [=====>.....] - ETA: 6s - loss:
      6.7255
2658 3904/5493 [=====>.....] - ETA: 6s - loss:
      6.7393
2659 3936/5493 [=====>.....] - ETA: 5s - loss:
      6.7544
2660 3968/5493 [=====>.....] - ETA: 5s - loss:
      6.7669
2661 4000/5493 [=====>.....] - ETA: 5s - loss:
      6.7793
2662 4032/5493 [=====>.....] - ETA: 5s - loss:
      6.7917
2663 4064/5493 [=====>.....] - ETA: 5s - loss:
      6.8043
2664 4096/5493 [=====>.....] - ETA: 5s - loss:
      6.8160
2665 4128/5493 [=====>.....] - ETA: 5s - loss:
      6.8277
2666 4160/5493 [=====>.....] - ETA: 5s - loss:
      6.8396
2667 4192/5493 [=====>.....] - ETA: 4s - loss:
      6.8520
2668 4224/5493 [=====>.....] - ETA: 4s - loss:
      6.8636
2669 4256/5493 [=====>.....] - ETA: 4s - loss:
      6.8754
2670 4288/5493 [=====>.....] - ETA: 4s - loss:
      6.8869
```

| | | | |
|------|-----------|---------------|-------------------|
| 2671 | 4320/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.8986 | | |
| 2672 | 4352/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9092 | | |
| 2673 | 4384/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9212 | | |
| 2674 | 4416/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9326 | | |
| 2675 | 4448/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9440 | | |
| 2676 | 4480/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9551 | | |
| 2677 | 4512/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9660 | | |
| 2678 | 4544/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9771 | | |
| 2679 | 4576/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9874 | | |
| 2680 | 4608/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9987 | | |
| 2681 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0093 | | |
| 2682 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0205 | | |
| 2683 | 4704/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0316 | | |
| 2684 | 4736/5493 | [=====>.....] | - ETA: 2s - loss: |
| | 7.0425 | | |
| 2685 | 4768/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0530 | | |
| 2686 | 4800/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0635 | | |
| 2687 | 4832/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0740 | | |
| 2688 | 4864/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0843 | | |
| 2689 | 4896/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0947 | | |
| 2690 | 4928/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.1050 | | |
| 2691 | 4960/5493 | [=====>...] | - ETA: 2s - loss: |
| | 7.1151 | | |
| 2692 | 4992/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.1256 | | |
| 2693 | 5024/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.1351 | | |
| 2694 | 5056/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.1448 | | |
| 2695 | 5088/5493 | [=====>...] | - ETA: 1s - loss: |

```

2695 7.1537
2696 5120/5493 [=====>...] - ETA: 1s - loss:
      7.1633
2697 5152/5493 [=====>..] - ETA: 1s - loss:
      7.1736
2698 5184/5493 [=====>..] - ETA: 1s - loss:
      7.1834
2699 5216/5493 [=====>..] - ETA: 1s - loss:
      7.1927
2700 5248/5493 [=====>..] - ETA: 0s - loss:
      7.2020
2701 5280/5493 [=====>..] - ETA: 0s - loss:
      7.2109
2702 5312/5493 [=====>.] - ETA: 0s - loss:
      7.2203
2703 5344/5493 [=====>.] - ETA: 0s - loss:
      7.2287
2704 5376/5493 [=====>.] - ETA: 0s - loss:
      7.2380
2705 5408/5493 [=====>.] - ETA: 0s - loss:
      7.2468
2706 5440/5493 [=====>.] - ETA: 0s - loss:
      7.2560
2707 5472/5493 [=====>.] - ETA: 0s - loss:
      7.2644
2708 5493/5493 [=====] - 21s 4ms/step -
      loss: 7.2704
2709
2710 ----- Generating text after Epoch: 12
2711 ----- diversity: 0.2
2712 ----- Generating with seed: "بن"
2713 هماناومهان همآیدت زنیبخشنده ام بن
2714 همبشکنند همبخشنده ام بفرمودبخشنده ام
2715 ابااومهان همانبازگشت سپاهآیدت
2716 بفرمودبرنهد
2717 ----- diversity: 0.5
2718 ----- Generating with seed: "کزان" بن
2719 جوانمردبشکنند نهادندیبرد اشتشاردشیرکزاناویزشبرم بن
2720 برفتندافشانند گرانبادپای نبایدبدفریبچنانافراسیاب سپاهآمدست
2721 ----- diversity: 1.0
2722 ----- Generating with seed: "بران" بن
2723 چپبرنهمبد براناسب بن
2724 همیاورد بهبمرد
2725 بگردانیر
2726 هماناندرند بیامدآورید نسا زمبرش
2727 بلشکرانگبین
2728 به
2729 ----- diversity: 1.2
2730 ----- Generating with seed: "نرفتی" بن

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2731 کجابرگذشت نرفتیاوران بن
 2732 بدانیببرد چوبروشنروان
 2733 چوآمدبر
 2734 نهانیآمدند از او ی
 2735 نکوهشبروی
 2736 بسی فریدونبایستهاسیر
 2737 Epoch 14/15
 2738
 2739 32/5493 [.....] - ETA: 20s - loss
 : 5.7483
 2740 64/5493 [.....] - ETA: 20s - loss
 : 5.3869
 2741 96/5493 [.....] - ETA: 20s - loss
 : 5.1749
 2742 128/5493 [.....] - ETA: 20s - loss
 : 4.9783
 2743 160/5493 [.....] - ETA: 20s - loss
 : 5.0069
 2744 192/5493 [>.....] - ETA: 20s - loss
 : 4.9687
 2745 224/5493 [>.....] - ETA: 20s - loss
 : 4.9041
 2746 256/5493 [>.....] - ETA: 19s - loss
 : 4.8616
 2747 288/5493 [>.....] - ETA: 19s - loss
 : 4.8245
 2748 320/5493 [>.....] - ETA: 19s - loss
 : 4.8722
 2749 352/5493 [>.....] - ETA: 19s - loss
 : 4.9216
 2750 384/5493 [=>.....] - ETA: 19s - loss
 : 4.9496
 2751 416/5493 [=>.....] - ETA: 19s - loss
 : 4.9362
 2752 448/5493 [=>.....] - ETA: 19s - loss
 : 4.9296
 2753 480/5493 [=>.....] - ETA: 19s - loss
 : 4.9272
 2754 512/5493 [=>.....] - ETA: 19s - loss
 : 4.9180
 2755 544/5493 [=>.....] - ETA: 19s - loss
 : 4.9143
 2756 576/5493 [==>.....] - ETA: 18s - loss
 : 4.9211
 2757 608/5493 [==>.....] - ETA: 18s - loss
 : 4.9299
 2758 640/5493 [==>.....] - ETA: 18s - loss
 : 4.9529
 2759 672/5493 [==>.....] - ETA: 18s - loss

```
2759 : 4.9715
2760 704/5493 [==>.....] - ETA: 18s - loss
      : 4.9834
2761 736/5493 [===>.....] - ETA: 18s - loss
      : 4.9934
2762 768/5493 [===>.....] - ETA: 18s - loss
      : 5.0043
2763 800/5493 [===>.....] - ETA: 18s - loss
      : 5.0192
2764 832/5493 [===>.....] - ETA: 17s - loss
      : 5.0236
2765 864/5493 [===>.....] - ETA: 17s - loss
      : 5.0390
2766 896/5493 [===>.....] - ETA: 17s - loss
      : 5.0535
2767 928/5493 [====>.....] - ETA: 17s - loss
      : 5.0744
2768 960/5493 [====>.....] - ETA: 17s - loss
      : 5.0964
2769 992/5493 [====>.....] - ETA: 17s - loss
      : 5.1064
2770 1024/5493 [====>.....] - ETA: 17s - loss
      : 5.1184
2771 1056/5493 [====>.....] - ETA: 17s - loss
      : 5.1234
2772 1088/5493 [====>.....] - ETA: 18s - loss
      : 5.1426
2773 1120/5493 [=====>.....] - ETA: 18s - loss
      : 5.1645
2774 1152/5493 [=====>.....] - ETA: 18s - loss
      : 5.1858
2775 1184/5493 [=====>.....] - ETA: 18s - loss
      : 5.2062
2776 1216/5493 [=====>.....] - ETA: 17s - loss
      : 5.2370
2777 1248/5493 [=====>.....] - ETA: 17s - loss
      : 5.2539
2778 1280/5493 [=====>.....] - ETA: 17s - loss
      : 5.2773
2779 1312/5493 [=====>.....] - ETA: 17s - loss
      : 5.2996
2780 1344/5493 [=====>.....] - ETA: 17s - loss
      : 5.3208
2781 1376/5493 [=====>.....] - ETA: 17s - loss
      : 5.3417
2782 1408/5493 [=====>.....] - ETA: 17s - loss
      : 5.3649
2783 1440/5493 [=====>.....] - ETA: 17s - loss
      : 5.3810
```


| | | | |
|------|-----------|---------------|-------------------|
| 2784 | 1472/5493 | [=====>.....] | - ETA: 17s - loss |
| | : 5.3966 | | |
| 2785 | 1504/5493 | [=====>.....] | - ETA: 17s - loss |
| | : 5.4139 | | |
| 2786 | 1536/5493 | [=====>.....] | - ETA: 17s - loss |
| | : 5.4321 | | |
| 2787 | 1568/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.4472 | | |
| 2788 | 1600/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.4738 | | |
| 2789 | 1632/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.4949 | | |
| 2790 | 1664/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.5156 | | |
| 2791 | 1696/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.5381 | | |
| 2792 | 1728/5493 | [=====>.....] | - ETA: 16s - loss |
| | : 5.5545 | | |
| 2793 | 1760/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.5837 | | |
| 2794 | 1792/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.6043 | | |
| 2795 | 1824/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.6267 | | |
| 2796 | 1856/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.6466 | | |
| 2797 | 1888/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.6672 | | |
| 2798 | 1920/5493 | [=====>.....] | - ETA: 15s - loss |
| | : 5.6912 | | |
| 2799 | 1952/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7083 | | |
| 2800 | 1984/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7279 | | |
| 2801 | 2016/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7466 | | |
| 2802 | 2048/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7680 | | |
| 2803 | 2080/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.7905 | | |
| 2804 | 2112/5493 | [=====>.....] | - ETA: 14s - loss |
| | : 5.8081 | | |
| 2805 | 2144/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.8244 | | |
| 2806 | 2176/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.8429 | | |
| 2807 | 2208/5493 | [=====>.....] | - ETA: 13s - loss |
| | : 5.8659 | | |
| 2808 | 2240/5493 | [=====>.....] | - ETA: 13s - loss |

```
2808 : 5.8837
2809 2272/5493 [=====>.....] - ETA: 13s - loss
      : 5.9015
2810 2304/5493 [=====>.....] - ETA: 13s - loss
      : 5.9172
2811 2336/5493 [=====>.....] - ETA: 13s - loss
      : 5.9352
2812 2368/5493 [=====>.....] - ETA: 12s - loss
      : 5.9521
2813 2400/5493 [=====>.....] - ETA: 12s - loss
      : 5.9695
2814 2432/5493 [=====>.....] - ETA: 12s - loss
      : 5.9854
2815 2464/5493 [=====>.....] - ETA: 12s - loss
      : 6.0061
2816 2496/5493 [=====>.....] - ETA: 12s - loss
      : 6.0234
2817 2528/5493 [=====>.....] - ETA: 12s - loss
      : 6.0381
2818 2560/5493 [=====>.....] - ETA: 12s - loss
      : 6.0580
2819 2592/5493 [=====>.....] - ETA: 11s - loss
      : 6.0769
2820 2624/5493 [=====>.....] - ETA: 11s - loss
      : 6.0961
2821 2656/5493 [=====>.....] - ETA: 11s - loss
      : 6.1128
2822 2688/5493 [=====>.....] - ETA: 11s - loss
      : 6.1301
2823 2720/5493 [=====>.....] - ETA: 11s - loss
      : 6.1475
2824 2752/5493 [=====>.....] - ETA: 11s - loss
      : 6.1637
2825 2784/5493 [=====>.....] - ETA: 11s - loss
      : 6.1800
2826 2816/5493 [=====>.....] - ETA: 10s - loss
      : 6.1933
2827 2848/5493 [=====>.....] - ETA: 10s - loss
      : 6.2149
2828 2880/5493 [=====>.....] - ETA: 10s - loss
      : 6.2329
2829 2912/5493 [=====>.....] - ETA: 10s - loss
      : 6.2512
2830 2944/5493 [=====>.....] - ETA: 10s - loss
      : 6.2678
2831 2976/5493 [=====>.....] - ETA: 10s - loss
      : 6.2839
2832 3008/5493 [=====>.....] - ETA: 10s - loss
      : 6.3018
```

| | | | |
|------|-----------|---------------|-------------------|
| 2833 | 3040/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.3161 | | |
| 2834 | 3072/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.3321 | | |
| 2835 | 3104/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.3496 | | |
| 2836 | 3136/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.3664 | | |
| 2837 | 3168/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.3822 | | |
| 2838 | 3200/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.3962 | | |
| 2839 | 3232/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.4118 | | |
| 2840 | 3264/5493 | [=====>.....] | - ETA: 9s - loss: |
| | 6.4283 | | |
| 2841 | 3296/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4441 | | |
| 2842 | 3328/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4606 | | |
| 2843 | 3360/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4767 | | |
| 2844 | 3392/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.4916 | | |
| 2845 | 3424/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.5065 | | |
| 2846 | 3456/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.5225 | | |
| 2847 | 3488/5493 | [=====>.....] | - ETA: 8s - loss: |
| | 6.5380 | | |
| 2848 | 3520/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5529 | | |
| 2849 | 3552/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5672 | | |
| 2850 | 3584/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5822 | | |
| 2851 | 3616/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.5961 | | |
| 2852 | 3648/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.6115 | | |
| 2853 | 3680/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.6263 | | |
| 2854 | 3712/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.6401 | | |
| 2855 | 3744/5493 | [=====>.....] | - ETA: 7s - loss: |
| | 6.6544 | | |
| 2856 | 3776/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.6691 | | |
| 2857 | 3808/5493 | [=====>.....] | - ETA: 6s - loss: |

```
2857 6.6824
2858 3840/5493 [=====>.....] - ETA: 6s - loss:
      6.6963
2859 3872/5493 [=====>.....] - ETA: 6s - loss:
      6.7117
2860 3904/5493 [=====>.....] - ETA: 6s - loss:
      6.7233
2861 3936/5493 [=====>.....] - ETA: 6s - loss:
      6.7374
2862 3968/5493 [=====>.....] - ETA: 6s - loss:
      6.7494
2863 4000/5493 [=====>.....] - ETA: 5s - loss:
      6.7628
2864 4032/5493 [=====>.....] - ETA: 5s - loss:
      6.7762
2865 4064/5493 [=====>.....] - ETA: 5s - loss:
      6.7902
2866 4096/5493 [=====>.....] - ETA: 5s - loss:
      6.8032
2867 4128/5493 [=====>.....] - ETA: 5s - loss:
      6.8152
2868 4160/5493 [=====>.....] - ETA: 5s - loss:
      6.8295
2869 4192/5493 [=====>.....] - ETA: 5s - loss:
      6.8416
2870 4224/5493 [=====>.....] - ETA: 5s - loss:
      6.8542
2871 4256/5493 [=====>.....] - ETA: 4s - loss:
      6.8655
2872 4288/5493 [=====>.....] - ETA: 4s - loss:
      6.8774
2873 4320/5493 [=====>.....] - ETA: 4s - loss:
      6.8888
2874 4352/5493 [=====>.....] - ETA: 4s - loss:
      6.9001
2875 4384/5493 [=====>.....] - ETA: 4s - loss:
      6.9113
2876 4416/5493 [=====>.....] - ETA: 4s - loss:
      6.9236
2877 4448/5493 [=====>.....] - ETA: 4s - loss:
      6.9360
2878 4480/5493 [=====>.....] - ETA: 4s - loss:
      6.9479
2879 4512/5493 [=====>.....] - ETA: 3s - loss:
      6.9589
2880 4544/5493 [=====>.....] - ETA: 3s - loss:
      6.9704
2881 4576/5493 [=====>.....] - ETA: 3s - loss:
      6.9814
```

| | | | |
|------|-----------|---------------|-------------------|
| 2882 | 4608/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9937 | | |
| 2883 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0052 | | |
| 2884 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0169 | | |
| 2885 | 4704/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0281 | | |
| 2886 | 4736/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0388 | | |
| 2887 | 4768/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0496 | | |
| 2888 | 4800/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0595 | | |
| 2889 | 4832/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0700 | | |
| 2890 | 4864/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0814 | | |
| 2891 | 4896/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.0927 | | |
| 2892 | 4928/5493 | [=====>....] | - ETA: 2s - loss: |
| | 7.1031 | | |
| 2893 | 4960/5493 | [=====>...] | - ETA: 2s - loss: |
| | 7.1140 | | |
| 2894 | 4992/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.1243 | | |
| 2895 | 5024/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.1347 | | |
| 2896 | 5056/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.1447 | | |
| 2897 | 5088/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.1545 | | |
| 2898 | 5120/5493 | [=====>...] | - ETA: 1s - loss: |
| | 7.1652 | | |
| 2899 | 5152/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.1756 | | |
| 2900 | 5184/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.1855 | | |
| 2901 | 5216/5493 | [=====>..] | - ETA: 1s - loss: |
| | 7.1953 | | |
| 2902 | 5248/5493 | [=====>..] | - ETA: 0s - loss: |
| | 7.2044 | | |
| 2903 | 5280/5493 | [=====>..] | - ETA: 0s - loss: |
| | 7.2138 | | |
| 2904 | 5312/5493 | [=====>.] | - ETA: 0s - loss: |
| | 7.2230 | | |
| 2905 | 5344/5493 | [=====>.] | - ETA: 0s - loss: |
| | 7.2320 | | |
| 2906 | 5376/5493 | [=====>.] | - ETA: 0s - loss: |

```
2906 7.2417
2907 5408/5493 [=====>.] - ETA: 0s - loss:
      7.2507
2908 5440/5493 [=====>.] - ETA: 0s - loss:
      7.2598
2909 5472/5493 [=====>.] - ETA: 0s - loss:
      7.2688
2910 5493/5493 [=====] - 22s 4ms/step -
      loss: 7.2749
2911
2912 ----- Generating text after Epoch: 13
2913 ----- diversity: 0.2
2914 ----- Generating with seed: "که بدن"
2915 که آذرگشسب بدن
2916 که همژگان بدی نگه بر فرتیبتخت
2917 دگراوی
2918 ببارید آذرگشسب
2919 فدی نگه همژگان بدی نگه برمدار
2920 ----- diversity: 0.5
2921 ----- Generating with seed: "بدن"
2922 تو
2923 بدن
2924 جهان آذرگشسب توببود
2925 نگه همژگان آمدن
2926 بسالار آفرین
2927 سخنها آوریم منبرگشاد گروی آبشخوربری بیوشید آگون
2928 چنین
2929 ----- diversity: 1.0
2930 ----- Generating with seed: "بدن"
2931 بررسی
2932 بدن
2933 به آفرید بپرسیاوست
2934 به آشکار
2935 بدادند آب ازینبجنگ
2936 تن لب آفرید سها فشربتا زیاد مرد هنوزبجنگ
2937 ----- diversity: 1.2
2938 ----- Generating with seed: "بدن"
2939 ز
2940 بدن
2941 جهان بیبین زبزرگ
2942 بفرجام اختران
2943 سخنارد
2944 سپهدار او
2945 سپهد آبروی
2946 بنزدیک بدی و برفت
2947
2948 کنون آوریم
2949 بر که اختر
2950 Epoch 15/15
```

```
2951
2952   32/5493 [...] - ETA: 21s - loss
      : 5.4177
2953   64/5493 [...] - ETA: 21s - loss
      : 5.3259
2954   96/5493 [...] - ETA: 21s - loss
      : 5.0992
2955  128/5493 [...] - ETA: 21s - loss
      : 4.9606
2956  160/5493 [...] - ETA: 21s - loss
      : 4.9103
2957  192/5493 [>.....] - ETA: 20s - loss
      : 4.8435
2958  224/5493 [>.....] - ETA: 20s - loss
      : 4.8279
2959  256/5493 [>.....] - ETA: 20s - loss
      : 4.8062
2960  288/5493 [>.....] - ETA: 20s - loss
      : 4.8406
2961  320/5493 [>.....] - ETA: 19s - loss
      : 4.8642
2962  352/5493 [>.....] - ETA: 19s - loss
      : 4.8674
2963  384/5493 [=>.....] - ETA: 19s - loss
      : 4.8462
2964  416/5493 [=>.....] - ETA: 19s - loss
      : 4.8313
2965  448/5493 [=>.....] - ETA: 19s - loss
      : 4.8465
2966  480/5493 [=>.....] - ETA: 19s - loss
      : 4.8463
2967  512/5493 [=>.....] - ETA: 19s - loss
      : 4.8642
2968  544/5493 [=>.....] - ETA: 18s - loss
      : 4.8695
2969  576/5493 [==>.....] - ETA: 18s - loss
      : 4.8773
2970  608/5493 [==>.....] - ETA: 18s - loss
      : 4.8948
2971  640/5493 [==>.....] - ETA: 18s - loss
      : 4.9261
2972  672/5493 [==>.....] - ETA: 18s - loss
      : 4.9312
2973  704/5493 [==>.....] - ETA: 18s - loss
      : 4.9400
2974  736/5493 [===>.....] - ETA: 18s - loss
      : 4.9709
2975  768/5493 [===>.....] - ETA: 18s - loss
      : 4.9932
```

| | | | |
|------|-----------|--------------|-------------------|
| 2976 | 800/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0125 | | |
| 2977 | 832/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0265 | | |
| 2978 | 864/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0432 | | |
| 2979 | 896/5493 | [===>.....] | - ETA: 17s - loss |
| | : 5.0741 | | |
| 2980 | 928/5493 | [====>.....] | - ETA: 17s - loss |
| | : 5.0972 | | |
| 2981 | 960/5493 | [====>.....] | - ETA: 17s - loss |
| | : 5.1049 | | |
| 2982 | 992/5493 | [====>.....] | - ETA: 17s - loss |
| | : 5.1217 | | |
| 2983 | 1024/5493 | [====>.....] | - ETA: 17s - loss |
| | : 5.1472 | | |
| 2984 | 1056/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.1763 | | |
| 2985 | 1088/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.1938 | | |
| 2986 | 1120/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2092 | | |
| 2987 | 1152/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2231 | | |
| 2988 | 1184/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2462 | | |
| 2989 | 1216/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.2726 | | |
| 2990 | 1248/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.3037 | | |
| 2991 | 1280/5493 | [====>.....] | - ETA: 16s - loss |
| | : 5.3213 | | |
| 2992 | 1312/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.3309 | | |
| 2993 | 1344/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.3532 | | |
| 2994 | 1376/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.3685 | | |
| 2995 | 1408/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.3841 | | |
| 2996 | 1440/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.3954 | | |
| 2997 | 1472/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.4212 | | |
| 2998 | 1504/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.4491 | | |
| 2999 | 1536/5493 | [====>.....] | - ETA: 15s - loss |
| | : 5.4760 | | |
| 3000 | 1568/5493 | [====>.....] | - ETA: 14s - loss |


```
3000 : 5.4986
3001 1600/5493 [=====>.....] - ETA: 14s - loss
      : 5.5176
3002 1632/5493 [=====>.....] - ETA: 14s - loss
      : 5.5333
3003 1664/5493 [=====>.....] - ETA: 14s - loss
      : 5.5563
3004 1696/5493 [=====>.....] - ETA: 14s - loss
      : 5.5823
3005 1728/5493 [=====>.....] - ETA: 14s - loss
      : 5.6028
3006 1760/5493 [=====>.....] - ETA: 14s - loss
      : 5.6311
3007 1792/5493 [=====>.....] - ETA: 14s - loss
      : 5.6550
3008 1824/5493 [=====>.....] - ETA: 13s - loss
      : 5.6758
3009 1856/5493 [=====>.....] - ETA: 13s - loss
      : 5.6969
3010 1888/5493 [=====>.....] - ETA: 13s - loss
      : 5.7140
3011 1920/5493 [=====>.....] - ETA: 13s - loss
      : 5.7342
3012 1952/5493 [=====>.....] - ETA: 13s - loss
      : 5.7464
3013 1984/5493 [=====>.....] - ETA: 13s - loss
      : 5.7660
3014 2016/5493 [=====>.....] - ETA: 13s - loss
      : 5.7870
3015 2048/5493 [=====>.....] - ETA: 13s - loss
      : 5.8062
3016 2080/5493 [=====>.....] - ETA: 13s - loss
      : 5.8271
3017 2112/5493 [=====>.....] - ETA: 12s - loss
      : 5.8389
3018 2144/5493 [=====>.....] - ETA: 12s - loss
      : 5.8502
3019 2176/5493 [=====>.....] - ETA: 12s - loss
      : 5.8786
3020 2208/5493 [=====>.....] - ETA: 12s - loss
      : 5.8973
3021 2240/5493 [=====>.....] - ETA: 12s - loss
      : 5.9166
3022 2272/5493 [=====>.....] - ETA: 12s - loss
      : 5.9330
3023 2304/5493 [=====>.....] - ETA: 12s - loss
      : 5.9505
3024 2336/5493 [=====>.....] - ETA: 12s - loss
      : 5.9705
```

```
3025 2368/5493 [=====>.....] - ETA: 11s - loss
      : 5.9861
3026 2400/5493 [=====>.....] - ETA: 11s - loss
      : 6.0059
3027 2432/5493 [=====>.....] - ETA: 11s - loss
      : 6.0258
3028 2464/5493 [=====>.....] - ETA: 11s - loss
      : 6.0423
3029 2496/5493 [=====>.....] - ETA: 11s - loss
      : 6.0562
3030 2528/5493 [=====>.....] - ETA: 11s - loss
      : 6.0756
3031 2560/5493 [=====>.....] - ETA: 11s - loss
      : 6.0935
3032 2592/5493 [=====>.....] - ETA: 11s - loss
      : 6.1101
3033 2624/5493 [=====>.....] - ETA: 10s - loss
      : 6.1306
3034 2656/5493 [=====>.....] - ETA: 10s - loss
      : 6.1493
3035 2688/5493 [=====>.....] - ETA: 10s - loss
      : 6.1676
3036 2720/5493 [=====>.....] - ETA: 10s - loss
      : 6.1798
3037 2752/5493 [=====>.....] - ETA: 10s - loss
      : 6.1990
3038 2784/5493 [=====>.....] - ETA: 10s - loss
      : 6.2143
3039 2816/5493 [=====>.....] - ETA: 10s - loss
      : 6.2313
3040 2848/5493 [=====>.....] - ETA: 10s - loss
      : 6.2488
3041 2880/5493 [=====>.....] - ETA: 10s - loss
      : 6.2643
3042 2912/5493 [=====>.....] - ETA: 10s - loss
      : 6.2800
3043 2944/5493 [=====>.....] - ETA: 10s - loss
      : 6.2948
3044 2976/5493 [=====>.....] - ETA: 9s - loss:
      6.3111
3045 3008/5493 [=====>.....] - ETA: 9s - loss:
      6.3277
3046 3040/5493 [=====>.....] - ETA: 9s - loss:
      6.3465
3047 3072/5493 [=====>.....] - ETA: 9s - loss:
      6.3642
3048 3104/5493 [=====>.....] - ETA: 9s - loss:
      6.3806
3049 3136/5493 [=====>.....] - ETA: 9s - loss:
```

```
3049 6.3966
3050 3168/5493 [=====>.....] - ETA: 9s - loss:
    6.4147
3051 3200/5493 [=====>.....] - ETA: 9s - loss:
    6.4305
3052 3232/5493 [=====>.....] - ETA: 8s - loss:
    6.4470
3053 3264/5493 [=====>.....] - ETA: 8s - loss:
    6.4624
3054 3296/5493 [=====>.....] - ETA: 8s - loss:
    6.4779
3055 3328/5493 [=====>.....] - ETA: 8s - loss:
    6.4928
3056 3360/5493 [=====>.....] - ETA: 8s - loss:
    6.5079
3057 3392/5493 [=====>.....] - ETA: 8s - loss:
    6.5236
3058 3424/5493 [=====>.....] - ETA: 8s - loss:
    6.5398
3059 3456/5493 [=====>.....] - ETA: 8s - loss:
    6.5540
3060 3488/5493 [=====>.....] - ETA: 7s - loss:
    6.5702
3061 3520/5493 [=====>.....] - ETA: 7s - loss:
    6.5856
3062 3552/5493 [=====>.....] - ETA: 7s - loss:
    6.6005
3063 3584/5493 [=====>.....] - ETA: 7s - loss:
    6.6170
3064 3616/5493 [=====>.....] - ETA: 7s - loss:
    6.6318
3065 3648/5493 [=====>.....] - ETA: 7s - loss:
    6.6469
3066 3680/5493 [=====>.....] - ETA: 7s - loss:
    6.6605
3067 3712/5493 [=====>.....] - ETA: 6s - loss:
    6.6749
3068 3744/5493 [=====>.....] - ETA: 6s - loss:
    6.6882
3069 3776/5493 [=====>.....] - ETA: 6s - loss:
    6.7029
3070 3808/5493 [=====>.....] - ETA: 6s - loss:
    6.7158
3071 3840/5493 [=====>.....] - ETA: 6s - loss:
    6.7292
3072 3872/5493 [=====>.....] - ETA: 6s - loss:
    6.7431
3073 3904/5493 [=====>.....] - ETA: 6s - loss:
    6.7570
```

| | | | |
|------|-----------|---------------|-------------------|
| 3074 | 3936/5493 | [=====>.....] | - ETA: 6s - loss: |
| | 6.7693 | | |
| 3075 | 3968/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7825 | | |
| 3076 | 4000/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.7945 | | |
| 3077 | 4032/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.8078 | | |
| 3078 | 4064/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.8201 | | |
| 3079 | 4096/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.8333 | | |
| 3080 | 4128/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.8468 | | |
| 3081 | 4160/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.8612 | | |
| 3082 | 4192/5493 | [=====>.....] | - ETA: 5s - loss: |
| | 6.8743 | | |
| 3083 | 4224/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.8886 | | |
| 3084 | 4256/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9004 | | |
| 3085 | 4288/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9132 | | |
| 3086 | 4320/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9249 | | |
| 3087 | 4352/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9371 | | |
| 3088 | 4384/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9490 | | |
| 3089 | 4416/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9615 | | |
| 3090 | 4448/5493 | [=====>.....] | - ETA: 4s - loss: |
| | 6.9735 | | |
| 3091 | 4480/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9858 | | |
| 3092 | 4512/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 6.9976 | | |
| 3093 | 4544/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0085 | | |
| 3094 | 4576/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0191 | | |
| 3095 | 4608/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0307 | | |
| 3096 | 4640/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0417 | | |
| 3097 | 4672/5493 | [=====>.....] | - ETA: 3s - loss: |
| | 7.0533 | | |
| 3098 | 4704/5493 | [=====>.....] | - ETA: 3s - loss: |

```
3098 7.0650
3099 4736/5493 [=====>.....] - ETA: 2s - loss:
      7.0760
3100 4768/5493 [=====>.....] - ETA: 2s - loss:
      7.0861
3101 4800/5493 [=====>.....] - ETA: 2s - loss:
      7.0967
3102 4832/5493 [=====>.....] - ETA: 2s - loss:
      7.1070
3103 4864/5493 [=====>.....] - ETA: 2s - loss:
      7.1182
3104 4896/5493 [=====>.....] - ETA: 2s - loss:
      7.1287
3105 4928/5493 [=====>.....] - ETA: 2s - loss:
      7.1387
3106 4960/5493 [=====>...] - ETA: 2s - loss:
      7.1482
3107 4992/5493 [=====>...] - ETA: 1s - loss:
      7.1576
3108 5024/5493 [=====>...] - ETA: 1s - loss:
      7.1668
3109 5056/5493 [=====>...] - ETA: 1s - loss:
      7.1769
3110 5088/5493 [=====>...] - ETA: 1s - loss:
      7.1870
3111 5120/5493 [=====>...] - ETA: 1s - loss:
      7.1964
3112 5152/5493 [=====>..] - ETA: 1s - loss:
      7.2072
3113 5184/5493 [=====>..] - ETA: 1s - loss:
      7.2170
3114 5216/5493 [=====>..] - ETA: 1s - loss:
      7.2265
3115 5248/5493 [=====>..] - ETA: 0s - loss:
      7.2357
3116 5280/5493 [=====>..] - ETA: 0s - loss:
      7.2453
3117 5312/5493 [=====>.] - ETA: 0s - loss:
      7.2559
3118 5344/5493 [=====>.] - ETA: 0s - loss:
      7.2664
3119 5376/5493 [=====>.] - ETA: 0s - loss:
      7.2770
3120 5408/5493 [=====>.] - ETA: 0s - loss:
      7.2870
3121 5440/5493 [=====>.] - ETA: 0s - loss:
      7.2965
3122 5472/5493 [=====>.] - ETA: 0s - loss:
      7.3054
```

```
3123 5493/5493 [=====] - 21s 4ms/step -  
      loss: 7.3115  
3124  
3125 ----- Generating text after Epoch: 14  
3126 ----- diversity: 0.2  
3127 ----- Generating with seed: "آفاق"  
3128 کهبشت آفاقبرپهلوی  
3129 چوآمدند  
3130 ندیدند از ار جهاندار آلتبسی  
3131 سکندرباز  
3132 که کهببرپهلوی بدینبنبرپهلوی  
3133 ----- diversity: 0.5  
3134 ----- Generating with seed: "آفتاب"  
3135 آفتاببرخوانازار  
3136 سکندر آلتبشت  
3137 زمینبنژاد چوآفرید  
3138 ندیدند برگردد تبشت از انبسی  
3139 چوبار  
3140 در  
3141 ----- diversity: 1.0  
3142 ----- Generating with seed: "آغارم"  
3143 آغارما فراسیاب  
3144 توبخت سنانهایبسیامید همبزر  
3145 دوبرنهادی بخوانم آموختما فسونگران  
3146 سخنبدند  
3147 ز  
3148 ----- diversity: 1.2  
3149 ----- Generating with seed: "آغشته"  
3150 آغشتهبرکنیم  
3151 چوببار هبخت  
3152 منمیتوزید بلور  
3153 نهاد بر آویختی بپیمود ما صفهان تذروانبتور  
3154 همیشهرسویا و شود  
3155 Saved model to disk  
3156 PyDev console: using IPython 6.1.0  
3157  
3158 Python 3.6.3 |Anaconda custom (64-bit)| (default, Oct 15 2017  
      , 03:27:45) [MSC v.1900 64 bit (AMD64)] on win32  
3159
```