

TASK 0:

Step 9979 Loss 0.88840425 Correct 59 out of 100
Step 9980 Loss 0.8836408 Correct 56 out of 100
Step 9981 Loss 0.8895323 Correct 56 out of 100
Step 9982 Loss 0.8483465 Correct 57 out of 100
Step 9983 Loss 0.94703615 Correct 51 out of 100
Step 9984 Loss 0.85532343 Correct 60 out of 100
Step 9985 Loss 0.82966995 Correct 61 out of 100
Step 9986 Loss 0.94568044 Correct 54 out of 100
Step 9987 Loss 0.997461 Correct 51 out of 100
Step 9988 Loss 0.8796727 Correct 56 out of 100
Step 9989 Loss 0.9038437 Correct 55 out of 100
Step 9990 Loss 0.87543225 Correct 57 out of 100
Step 9991 Loss 0.9626956 Correct 57 out of 100
Step 9992 Loss 0.9808338 Correct 48 out of 100
Step 9993 Loss 0.91919065 Correct 54 out of 100
Step 9994 Loss 0.93899184 Correct 48 out of 100
Step 9995 Loss 1.0284152 Correct 48 out of 100
Step 9996 Loss 0.9329772 Correct 57 out of 100
Step 9997 Loss 0.849347 Correct 59 out of 100
Step 9998 Loss 0.91675764 Correct 53 out of 100
Step 9999 Loss 0.99621576 Correct 50 out of 100

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Loss for 3000 randomly chosen documents is 0.9443249523639679 ,
number correct labels is 1551 out of 3000.

TASK 2:

Step 9977 Loss 0.2743297 Correct 88 out of 100
Step 9978 Loss 0.26461264 Correct 89 out of 100
Step 9979 Loss 0.2164487 Correct 93 out of 100
Step 9980 Loss 0.26143146 Correct 89 out of 100
Step 9981 Loss 0.3266254 Correct 88 out of 100
Step 9982 Loss 0.29144827 Correct 88 out of 100
Step 9983 Loss 0.28326374 Correct 89 out of 100
Step 9984 Loss 0.29368207 Correct 87 out of 100
Step 9985 Loss 0.32371572 Correct 85 out of 100
Step 9986 Loss 0.37746444 Correct 82 out of 100
Step 9987 Loss 0.3308336 Correct 90 out of 100
Step 9988 Loss 0.29838058 Correct 88 out of 100
Step 9989 Loss 0.26403365 Correct 90 out of 100
Step 9990 Loss 0.35357556 Correct 84 out of 100
Step 9991 Loss 0.23326118 Correct 94 out of 100
Step 9992 Loss 0.27514312 Correct 88 out of 100
Step 9993 Loss 0.30367082 Correct 85 out of 100
Step 9994 Loss 0.28917682 Correct 88 out of 100
Step 9995 Loss 0.51370776 Correct 79 out of 100
Step 9996 Loss 0.38027313 Correct 85 out of 100
Step 9997 Loss 0.41706085 Correct 77 out of 100
Step 9998 Loss 0.25504464 Correct 92 out of 100
Step 9999 Loss 0.29523328 Correct 90 out of 100
Loss for 3000 randomly chosen documents is 0.33958154916763306 ,
number correct labels is 2589 out of 3000.

TASK 3:

Step 9976 Loss 0.056256868 Correct 99 out of 100
Step 9977 Loss 0.43970937 Correct 97 out of 100
Step 9978 Loss 0.038612243 Correct 99 out of 100
Step 9979 Loss 0.12094863 Correct 94 out of 100
Step 9980 Loss 0.1026293 Correct 96 out of 100
Step 9981 Loss 0.08823647 Correct 96 out of 100
Step 9982 Loss 0.06989348 Correct 99 out of 100
Step 9983 Loss 0.05014392 Correct 99 out of 100
Step 9984 Loss 0.10584018 Correct 99 out of 100
Step 9985 Loss 0.122384995 Correct 95 out of 100
Step 9986 Loss 0.12963058 Correct 96 out of 100
Step 9987 Loss 0.04988325 Correct 99 out of 100
Step 9988 Loss 0.078710526 Correct 99 out of 100
Step 9989 Loss 0.123454906 Correct 94 out of 100
Step 9990 Loss 0.12632997 Correct 96 out of 100
Step 9991 Loss 0.051468182 Correct 99 out of 100
Step 9992 Loss 0.1209981 Correct 96 out of 100
Step 9993 Loss 0.1288501 Correct 96 out of 100

Step 9994 Loss 0.09094171 Correct 97 out of 100
Step 9995 Loss 0.048514746 Correct 100 out of 100
Step 9996 Loss 0.12752846 Correct 98 out of 100
Step 9997 Loss 0.090297736 Correct 96 out of 100
Step 9998 Loss 0.0901355 Correct 96 out of 100
Step 9999 Loss 0.08580297 Correct 96 out of 100
Loss for 3000 randomly chosen documents is 0.34349358876546227 ,
number correct labels is 2703 out of 3000.
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TASK 4:

Step 9979 Loss 0.2689855 Correct 90 out of 100
Step 9980 Loss 0.20541677 Correct 90 out of 100
Step 9981 Loss 0.38119534 Correct 86 out of 100
Step 9982 Loss 0.1666509 Correct 97 out of 100
Step 9983 Loss 0.20643103 Correct 93 out of 100
Step 9984 Loss 0.2103154 Correct 91 out of 100
Step 9985 Loss 0.21352027 Correct 91 out of 100
Step 9986 Loss 0.31877923 Correct 90 out of 100
Step 9987 Loss 0.2864291 Correct 88 out of 100
Step 9988 Loss 0.21866174 Correct 92 out of 100
Step 9989 Loss 0.30044213 Correct 91 out of 100
Step 9990 Loss 0.2928751 Correct 91 out of 100
Step 9991 Loss 0.21547222 Correct 92 out of 100
Step 9992 Loss 0.21821554 Correct 93 out of 100
Step 9993 Loss 0.26637843 Correct 88 out of 100
Step 9994 Loss 0.27368504 Correct 91 out of 100
Step 9995 Loss 0.21499905 Correct 92 out of 100
Step 9996 Loss 0.18685003 Correct 93 out of 100
Step 9997 Loss 0.23979193 Correct 92 out of 100
Step 9998 Loss 0.27217594 Correct 91 out of 100
Step 9999 Loss 0.24237958 Correct 93 out of 100
Loss for 3000 randomly chosen documents is 0.24455972611904145 ,
number correct labels is 2759 out of 3000.

This is slightly better than FNN.