```
1 C:\Users\chris\github-iu\p434\assignments\a1\venv\
   Scripts\python.exe C:/Users/chris/qithub-iu/p434/
   assignments/a1/main_node.py
 2 Running Inverted Index!
 3 Cluster Initialized
 4 Data read from input file(s)!
 5 Data read from input file(s)!
 6 Mapper 1 ready!
 7 Reducer 2 ready!
 8 Mapper 0 ready!
 9 Reducer 4 ready!
10 Reducer 3 ready!
11 Sending to reducers
12 127.0.0.1 - - [04/Mar/2021 00:15:38] "POST /RPC2 HTTP
   /1.1" 200 -
13 127.0.0.1 - - [04/Mar/2021 00:15:40] "POST /RPC2 HTTP
   /1.1" 200 -
14 127.0.0.1 - - [04/Mar/2021 00:15:42] "POST /RPC2 HTTP
   /1.1" 200 -
15 127.0.0.1 - - [04/Mar/2021 00:15:42] "POST /RPC2 HTTP
   /1.1" 200 -
16 Sending to reducers
17 Age (2-1)
18 Blessings (1-1)
19 Constitution (1-1)
20 People (1-1)
21 Person (2-1)
22 Posterity (1-1)
23 States (1-2) (2-1)
24 United (1-2) (2-1)
25 and (1-3) (2-2)
26 chosen (2-1)
27 \text{ common } (1-1)
28 establish (1-2)
29 for (1-2)
30 insure (1-1)
31 not (2-2)
32 ordain (1-1)
33 our (1-1)
34 ourselves (1-1)
35 secure (1-1)
36 the (1-6) (2-2)
37 twenty (2-1)
38 who (2-2)
```

```
39 Reducer Complete!
40 127.0.0.1 - - [04/Mar/2021 00:15:48] "POST /RPC2 HTTP
   /1.1" 200 -
41 127.0.0.1 - - [04/Mar/2021 00:15:48] "POST /RPC2 HTTP
   /1.1" 200 -
42 America (1-1)
43 Citizen (2-1)
44 Inhabitant (2-1)
45 Justice (1-1)
46 Liberty (1-1)
47 Welfare (1-1)
48 a (1-1) (2-2)
49 been (2-1)
50 defence (1-1)
51 elected (2-1)
52 five (2-1)
53 form (1-1)
54 general (1-1)
55 have (2-1)
56 more (1-1)
57 perfect (1-1)
58 promote (1-1)
59 provide (1-1)
60 that (2-1)
61 this (1-1)
62 when (2-1)
63 Reducer Complete!
64 127.0.0.1 - - [04/Mar/2021 00:15:52] "POST /RPC2 HTTP
   /1.1" 200 -
65 127.0.0.1 - - [04/Mar/2021 00:15:52] "POST /RPC2 HTTP
   /1.1" 200 -
66 No (2-1)
67 Representative (2-1)
68 State (2-1)
69 Tranquility (1–1)
70 Union (1-1)
71 We (1-1)
72 Years (2-2)
73 an (2-1)
74 attained (2-1)
75 be (2-3)
76 do (1-1)
77 domestic (1-1)
78 he (2-1)
```

```
79 in (1-1) (2-1)
80 of (1-3) (2-3)
81 order (1-1)
82 seven (2-1)
83 shall (2-4)
84 to (1-2) (2-1)
85 which (2-1)
86 Reducer Complete!
87
88 Process finished with exit code 15
89
```