

Forward matrix

[illegible]

Backward

```
C:\TurboC++\Disk\TurboC3\BIN\C code\hmm.exe
Welcome
Backward matrix is
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000000 0.000000 0.000000 0.000000 0.000000
0.000001 0.000001 0.000000 0.000001 0.000001
0.000000 0.000003 0.000002 0.000003 0.000004
0.000001 0.000015 0.000010 0.000013 0.000010
0.000008 0.000064 0.000037 0.000047 0.000053
0.000016 0.000229 0.000162 0.000231 0.000381
0.000040 0.000648 0.000481 0.000720 0.000983
0.000583 0.002036 0.001665 0.002750 0.002234
0.000400 0.006252 0.005180 0.008056 0.005758
0.002179 0.019972 0.014575 0.020866 0.015789
0.004000 0.077325 0.047275 0.063225 0.066040
0.005828 0.280000 0.200000 0.275000 0.410000
0.010000 1.000000 1.000000 1.000000 1.000000
1.000000
1.000000
```

BW algo

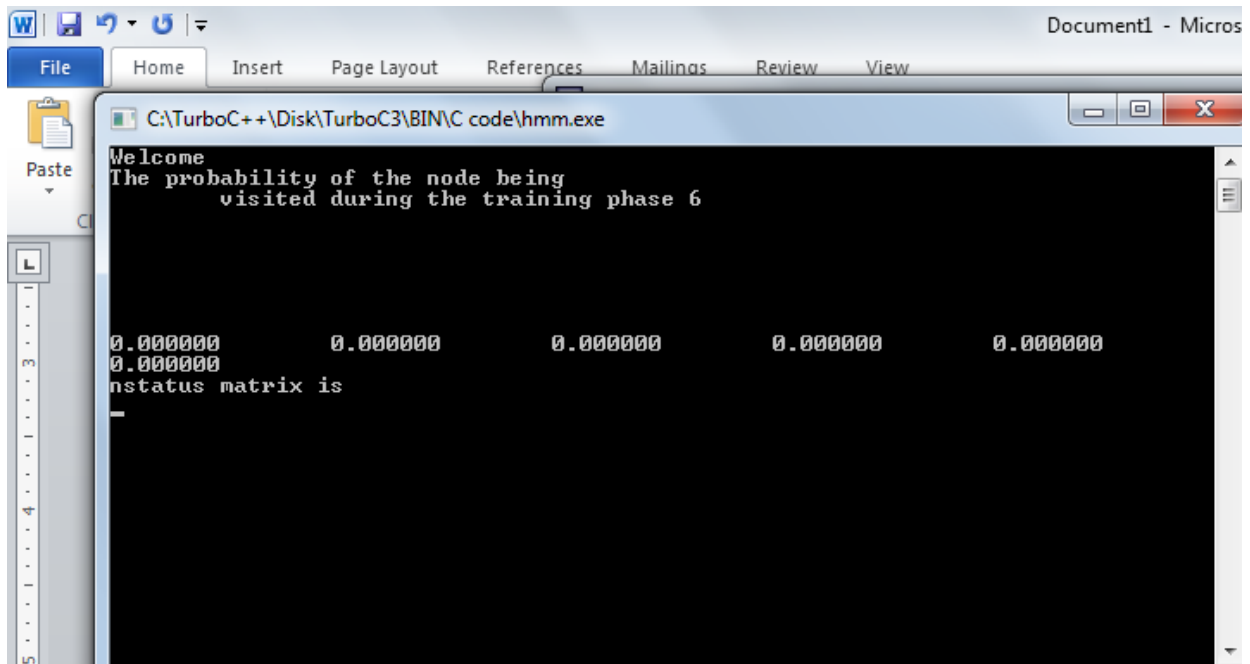
[illegible]

And then

[illegible]

[illegible]

PV pgm



The screenshot shows a TurboC++ IDE window titled "C:\TurboC++\Disk\TurboC3\BIN\C code\hmm.exe". The program output is as follows:

```
Welcome
The probability of the node being
    visited during the training phase 6

0.000000      0.000000      0.000000      0.000000      0.000000
0.000000
nstatus matrix is
-
```

Normalize

```
C:\TurboC++\Disk\TurboC3\BIN\C code\hmm.exe
Welcome

BEFORE NORMALISATION
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000

AFTER NORMALISATION
0.000000      0.000000      0.000000      0.000000      0.000000
0.000000      0.000000      0.000000      0.000000      0.000000
-1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00
0.000000      -1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00
-1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00
0.000000      -1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00
-1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00
0.000000      -1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00
-1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00
0.000000      -1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00
-1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00     -1.#IND00

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