Sample output when the following matrix.txt file was used:

```
2 2 1 2 3 4
2 2 1 1 -1 -2
3
2 3 4 2 2 1 1 3
```

```
A =
                   2
         1
         3
                   4
B =
         1
                   1
         -1
                   -2
c = 3
         4
                   2
                             2
         1
                   1
                             3
A + B =
         2
                   3
         2
                   2
A - B =
         0
                   1
                   6
         4
c A =
         3
                   6
          9
                   12
A dot D =
         6
                   4
                             8
         16
                   10
                             18
```

In order to show the exact spacing on the output lines, each space is replaced with an @ symbol and each tab with a \t :

```
A@=
\t1\t2
\t3\t4
B@=
\t1\t1
t-1\t-2
c@=@3
D@=
\t4\t2\t2
\t1\t1\t3
A@+@B@=
\t2\t3
\t2\t2
A@ - @B@ =
\t0\t1
\t4\t6
C@A@=
\t3\t6
\t9\t12
A@dot@D@=@
\t6\t4\t8
\t16\t10\t18
```

Sample output when the following matrix.txt file was used:

```
A =
          1
                    2
          3
                    4
          5
                    6
          7
                    8
B =
          1
                   1
                   -2
          -1
                   24
          34
          25
                   -67
c = 6
D =
          4
                    2
                             2
                                       1
                                                 1
          3
                             21
                                       -1
                   68
A + B =
          2
                    3
                    2
          2
          39
                   30
          32
                   -59
A - B =
          0
                   1
          4
                    6
          -29
                   -18
          -18
                   75
cA =
          6
                   12
                   24
          18
          30
                    36
          42
                    48
A dot D =
          10
                   138
                              44
                                        -1
                                                 1
          24
                    278
                              90
                                        -1
                                                 3
                                        -1
                                                 5
          38
                    418
                             136
          52
                    558
                             182
                                       -1
```

In order to show the exact spacing on the output lines, each space is replaced with an @ symbol and each tab with a \t :

```
4 2 1 2 3 4 5 6 7 8
4 2 1 1 -1 -2 34 24 25 -67
6
2 5 4 2 2 1 1 3 68 21 -1 0
```

```
A@=
\t1\t2
\t3\t4
\t5\t6
\t7\t8
B@=
\t1\t1
t-1\t-2
\t34\t24
\t25\t-67
C@=@6
D@=
\t4\t2\t2\t1\t1
\t3\t68\t21\t-1\t0
A@+@B@=
\t2\t3
\t2\t2
\t39\t30
\t32\t-59
A@ - @B@ =
\t0\t1
\t4\t6
t-29\\t-18
\t-18\t75
c@A@=
\t6\t12
\t18\t24
\t30\t36
\t42\t48
A@dot@D@=@
\t10\t138\t44\t-1\t1
t24\t278\t90\t-1\t3
```