```
Matrix a
Empty matrix

Matrix b
    0    0    0    0
    0    0    0    0
    0    0    0    0

Matrix c
Empty matrix

Matrix d
Empty matrix

Matrix e
    7    7    7    7    7    7    7    7    7    7
    7    7    7    7    7    7    7    7    7    7
    7    7    7    7    7    7    7    7    7    7

Matrix f
    1    2
    3    4
    5    6

Matrix g
    1    2
    3    4
    5    6

Matrix h
Empty matrix

Matrix g
    1    2
    3    4
    5    6

Matrix h
    1    2
    3    4
    5    6

Matrix e
    1    2
    3    4
    5    6

Matrix a
    7    9   11
   13   15   17
```

Matrix b
```
    6     8    10
   12    14    16
```

Matrix s
```
   13    17    21
   25    29    33
```

Matrix expected ans
```
   13    17    21
   25    29    33
```

Matrix a
```
    1     2     3
    4     5     6
```

Matrix b
```
    1     2
```

Matrix s
Empty matrix

Matrix expected ans
Empty matrix

Matrix a
```
    1     2     3
```

Matrix b
```
    2     1     3
    3     3     2
    4     1     2
```

Matrix s
```
   20    10    13
```

matrix expected ans
```
   20    10    13
```

Matrix a
```
    3     4     2
```

Matrix b
```
   13     9     7    15
    8     7     4     6
    6     4     0     3
```

Matrix s

```
    83    63    37    75

matrix expected ans
    83    63    37    75


_____
Matrix a
     3

Matrix b
     5     2    11
     9     4    14

Matrix s
    15     6    33
    27    12    42

matrix expected ans
    15     6    33
    27    12    42


_____
Matrix a
     5     2    11
     9     4    14

Matrix b
     3

Matrix s
    15     6    33
    27    12    42

matrix expected ans
    15     6    33
    27    12    42


_____
Matrix a
     3     9     0     2     2     9     5     2
     0     2     2     1     9     6     6     8
     7     5     6     1     4     9     8     9
     3     3     2     9     2     1     7     4
     1     9     0     1     2     9     5     2
     4     2     0     3     7     3     9     1
     5     9     0     6     6     7     8     2
     9     3     4     6     8     4     9     1

Matrix b
     6     1     6     0     8     3     0     0
```

```
  6    8    9    0    6    6    7    2
  4    8    2    0    5    4    6    7
  2    4    4    2    2    6    9    8
  4    8    2    2    4    6    4    1
  1    5    5    6    4    7    5    5
  7    4    6    5    0    6    5    3
  2    3    7    0    1    3    8    5
```

Matrix s
```
  132  170  200   87  128  186  175  106
  122  186  166   86   92  182  195  123
  197  235  267  104  179  243  253  178
  128  140  164   63   86  162  194  140
  118  164  184   85  110  174  166   98
  138  142  144   83   91  162  137   82
  187  222  244  106  160  244  232  141
  201  212  210   97  171  230  204  142
```

matrix expected ans
```
  132  170  200   87  128  186  175  106
  122  186  166   86   92  182  195  123
  197  235  267  104  179  243  253  178
  128  140  164   63   86  162  194  140
  118  164  184   85  110  174  166   98
  138  142  144   83   91  162  137   82
  187  222  244  106  160  244  232  141
  201  212  210   97  171  230  204  142
```

Matrix a
```
    7    3
    2    5
    6    8
    9    0
```

Matrix b
```
    8   14    0    3    1
    7   11    5   91    3
    8    4   19    5   57
```

Matrix s
Empty matrix

matrix expected ans
Empty matrix

```