```
N:  100
A1 x = b1
 Ten median x are:
 [[1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]]
 A2 x = b2
 Ten median x are:
 [[1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]]
```

```
N:  1000
A1 x = b1
 Ten median x are:
 [[1.00000004]
  [1.00000004]
  [1.00000004]
  [1.00000004]
  [1.00000004]
  [1.00000004]
  [1.00000004]
  [1.00000004]
  [1.00000004]
  [1.00000004]]
A2 x = b2
 Ten median x are:
 [[1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]]
```

```
N:  10000
A1 x = b1
 Ten median x are:
 [[0.99996061]
  [0.99996061]
  [0.9999606 ]
  [0.9999606 ]
  [0.9999606 ]
  [0.9999606 ]
  [0.9999606 ]
  [0.9999606 ]
  [0.9999606 ]
  [0.9999606 ]]
A2 x = b2
 Ten median x are:
 [[1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]
  [1.]]
```

WITH {4.FLOAT} PERCISION:

```
N:  100
A1 x = b1
 Ten median x are:
 [[1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]]
A2 x = b2
 Ten median x are:
 [[1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]]
```

```
N:  1000
A1 x = b1
 Ten median x are:
 [[1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]]
A2 x = b2
 Ten median x are:
 [[1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]]
```

```
N:  10000
A1 x = b1
 Ten median x are:
 [[1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]]
A2 x = b2
 Ten median x are:
 [[1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]
  [1.0000]]
```