```
>> hw4Problem2Demo
This is the demo for question (a).

x =

0.9998
0.9996
0.9996
0.9995
0.9995
0.9995
```

0.9995 0.9995 0.9995 0.9995 0.9995

0.9995 0.9995 0.9995 0.9995 0.9995

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0.9995 0.9995

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0.9995
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    0.9995
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    0.9995
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    0.9995
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    0.9995
    0.9995
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    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9995
    0.9996
    0.9996
    0.9997
    0.9998
    0.9999
    0.9999
    1.0000
    1.0000
    1.0000
This is the demo for question (b).
y =
    1.0000
    1.0000
    1.0000
    0.9999
    0.9999
    0.9999
```

0.9999

0.9999

0.9999

0.9999

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