



You are taking "[Final Exam \(8 hour time limit\)](#)" as a timed exam. [Show more](#)

End My Exam

07:50:50

| | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--------|
| < Previous | | | | | | | | | | Next > |
|------------|--|--|--|--|--|--|--|--|--|--------|

Problem 2

🔖 Bookmark this page

Final due Dec 14, 2022 07:30 +08

Consider the following code:

```
import random, pylab
xVals = []
yVals = []
wVals = []
for i in range(1000):
    xVals.append(random.random())
    yVals.append(random.random())
    wVals.append(random.random())
xVals = pylab.array(xVals)
yVals = pylab.array(yVals)
wVals = pylab.array(wVals)
xVals = xVals + xVals
zVals = xVals + yVals
tVals = xVals + yVals + wVals
```

For each of the following questions, select the best answer from the set of choices.

Problem 2-1

2/2 points (graded)

The values in tVals are most closely:

- ☐ Uniformly distributed
- ☒ Distributed with a Gaussian distribution
- ☐ Exponentially distributed



Submit

You have used 1 of 1 attempt

✓ Correct (2/2 points)

Problem 2-2

2/2 points (graded)

The values in xVals are most closely:

- ☒ Uniformly distributed
- ☐ Distributed with a Gaussian distribution
- ☐ Exponentially distributed



Submit

You have used 1 of 1 attempt

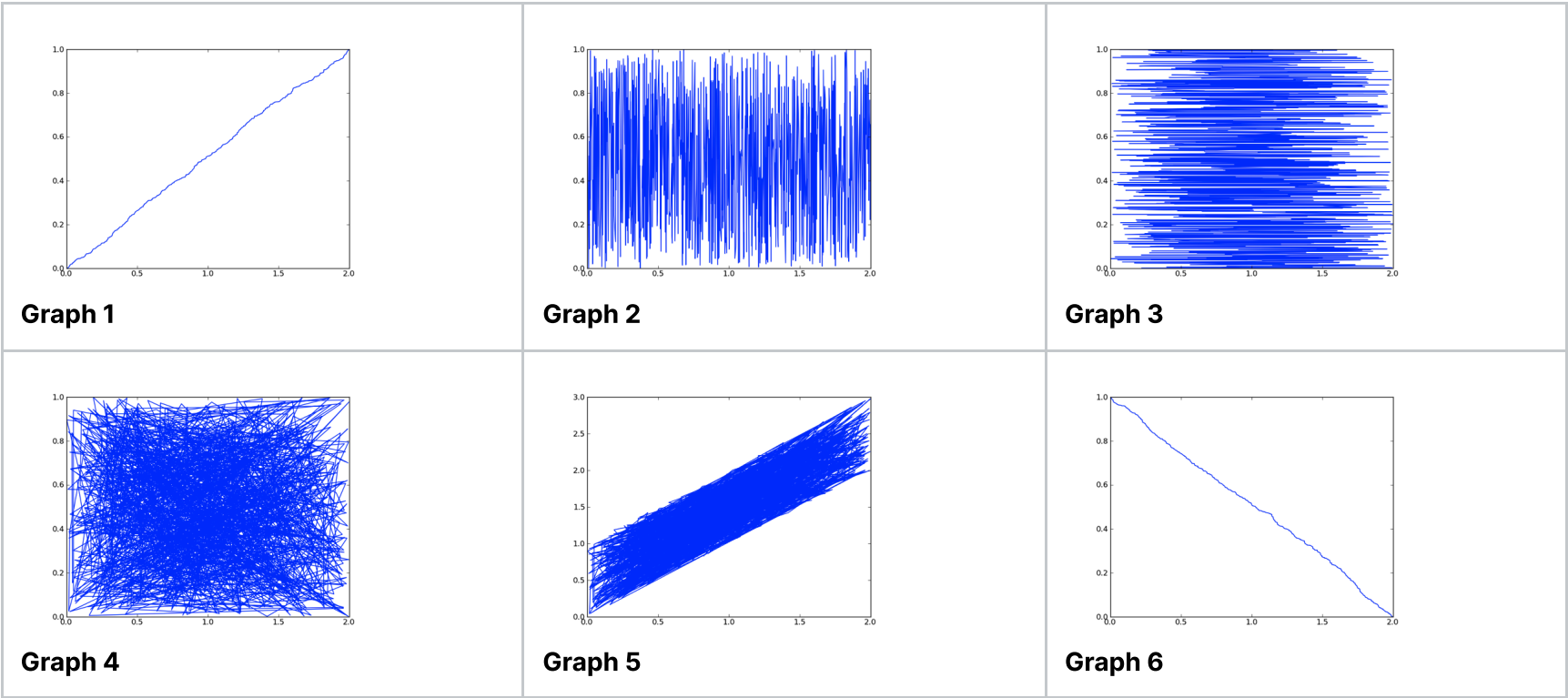
✔ Correct

< Previous

Next >

For each of the following expressions using the code above, match the following calls to `pylab.plot` with one of the graphs shown below.

You can click on the following images to view a larger size.



Problem 2-3

2/2 points (graded)

```
pylab.plot(xVals, zVals)
```

Graph 5



Submit

You have used 1 of 1 attempt

✔ Correct (2/2 points)

Problem 2-4

2/2 points (graded)

```
pylab.plot(xVals, yVals)
```

Graph 4



Submit

You have used 1 of 1 attempt

✔ Correct (2/2 points)

Problem 2-5

2/2 points (graded)

```
pylab.plot(xVals, sorted(yVals))
```

Graph 3



 Calculator

Submit

You have used 1 of 1 attempt

✓ Correct (2/2 points)

© All Rights Reserved



edX

[About](#)

[Affiliates](#)

[edX for Business](#)

[Open edX](#)

[Careers](#)

[News](#)

Legal

[Terms of Service & Honor Code](#)

[Privacy Policy](#)

[Accessibility Policy](#)

[Trademark Policy](#)

[Sitemap](#)

Connect

[Blog](#)

[Contact Us](#)

[Help Center](#)

[Security](#)

[Media Kit](#)



© 2022 edX LLC. All rights reserved.

深圳市恒宇博科技有限公司 [粤ICP备17044299号-2](#)