


PROBLEM 1-1 (1/1 point)

For each of the following questions, answer True or False:


A good hash function should generate a Gaussian distribution.

- ☐ True
- ☒ False 

You have used 1 of 1 submissions

PROBLEM 1-2 (1/1 point)


A deterministic program always returns the same result for the same input.

- ☒ True 
- ☐ False

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PROBLEM 1-3 (1/1 point)


The coefficient of variation is better than the standard deviation for comparing the variation in the number of residents of different cities or towns to the variation in the number of residents in different countries.

- ☒ True 
- ☐ False

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PROBLEM 1-4 (1/1 point)


Monte Carlo simulations can only be used to solve stochastic problems.

- ☐ True
- ☒ False 

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PROBLEM 1-5 (1/1 point)

Uniform distributions are usually the most useful for modeling complex systems.

- ☐ True
- ☒ False 

You have used 1 of 1 submissions

PROBLEM 1-6 (1 point possible)

Consider the following code:

```
import random
for i in range(1000):
    randomList1.append(int(random.random() * 2))

for i in range(1000):
    randomList2.append(random.choice((0,1)))
```

In Python, `randomList1` and `randomList2` will have the same distribution pattern.

- ☐ True
- ☒ False **✗**

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