

```
int getRandomNumber()
{

return 4; // chosen by fair dice roll.

// guaranteed to be random.
}
```

https://xkcd.com/221/

PATTERNS

ENTROPY

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{
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```

- Bad entropy compromises keys
- Computers are very bad at making things up! (not always)
- Entropy therefore often is limited (esp. after booting!)
- Use what the API provides (<u>SecureRandom</u>)
- RTFM