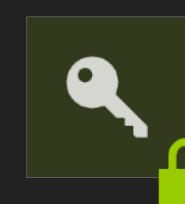


- ☒ Data treatment ...
- ☒ Use existing ...
- ☒ ...



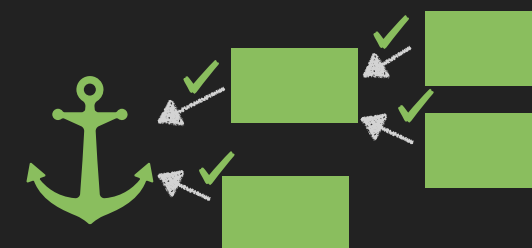
0X123456...



DATA



```
int getRandomNumber()
{
    return 4; // chosen by fair dice roll.
              // guaranteed to be random.
}
```



CRYPTO

PATTERNS



**MOST IMPORTANT ADVICE:
GET AN EXPERT OR AT LEAST
READ AND UNDERSTAND THE DOCUMENTATION!**

Like all power tools: Better RTFM than to lose an eye!

- ▶ At least be able to explain: "Hash vs. encryption", "Integrity vs. encryption", "Stream vs. block", "Mode of operation", "IV", "Nonce", "Padding", "Key derivation"
- ▶ Identify and name your trust anchors